

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0012	3. EFFECTIVE DATE 29 Jan 2004	4. REQUISITION/PURCHASE REQ. NO. W25PHS31710862	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			
US Army Engineers, Philadelphia Wanamaker Building, 100 Penn Square East Contracts Branch, Room 643 Philadelphia, Pennsylvania 19107-3390		US Army Engineers, Philadelphia Wanamaker Building, 100 Penn Square East Philadelphia, Pennsylvania 19107-3390 Jennifer McGivern, Contracts Branch 215-656-6773		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(√)	9A. AMENDMENT OF SOLICITATION NO. DACA61-03-R-0009
	×	9B. DATED (SEE ITEM 11) 07 July 2003
		10A. MODIFICATION OF CONTRACTS/ORDER NO.
		10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

**DESIGN/BUILD AIR FREIGHT TERMINAL FACILITY, DOVER AIR FORCE BASE, DELAWARE, STEP (PHASE) TWO**

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor ☐ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**THIS AMENDMENT DOES NOT EXTEND THE STEP (PHASE) TWO PROPOSAL DUE DATE OF 20 FEBRUARY 2004 at 4:00 PM.**

(CONTINUED ON NEXT PAGE)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED

14. DESCRIPTION OF AMENDMENT (continued)

- a. Project Table of Contents – Delete page TOC-1 and substitute the revised TOC-1 annotated Amendment No. 0012 attached hereto.
- b. Section 00010 – Solicitation, Offer and Award: Delete Section 00010 in its entirety and substitute revised Section 00010 annotated Amendment No. 0012 attached hereto.
- c. Section 00100 – Instructions to Bidders:
  - 1) Delete FAR provision 52.215-1, “Instructions to Offeror Competitive Acquisition (May 2001)” located on page 00100-2 and substitute with revised FAR Provision 52.215-1, “Instructions to Offeror Competitive Acquisition (Jan 2004)”, annotated Amendment Number 0012 attached hereto.
  - 2) Delete FAR provision 52.225-12, “Notice of Buy American Act Requirements - Construction Materials Under Trade Agreements (May 2002)” located on page 00100-6 and substitute with revised FAR provision 52.225-12, “Notice of Buy American Act Requirements – Construction Materials Under Trade Agreements (Jan 2004)”, annotated Amendment Number 0012 attached hereto.
- d. Section 00110 – Proposal Submission Requirements, and Proposal Evaluation Process
  - 1) Delete pages 1 thru 17 and 21 thru 24 in their entirety and substitute with revised pages 1 thru 17 and 21 thru 24 annotated Amendment No. 0012 attached hereto.
  - 2) Section 00110, CHECKLIST – TECHNICAL DOCUMENTS TO BE SUBMITTED BY OFFERORS AS PART OF THEIR PROPOSAL PER SECTION 01010 FOR EVALUATION BY THE GOVERNMENT – Replace with the attached checklist annotated Amendment No. 0012 attached hereto.
- e. Section 00700 - Contract Clauses:
  - 3) Delete FAR clause 52.225-11, “Buy American Act --Construction Materials Under Trade Agreements (Jun 2003)” located on page 00700-42 and substitute with revised FAR clause 52.225-11, “Buy American Act--Construction Materials Under Trade Agreements (Jan 2004)”, annotated Amendment Number 0012 attached hereto.
  - 4) Delete FAR clause 52.225-13, “Restrictions on Certain Foreign Purchases (Oct 2003)” located on page 00700-45 and substitute with revised FAR Clause 52.225-13, “Restrictions on Certain Foreign Purchases (Jan 2004)” annotated Amendment Number 0012 attached hereto.

f. Section 00800 – Special Contract Requirements:

- 1) Section 00800 – Delete Section 00800 in its entirety and substitute revised Section 00800 annotated Amendment No. 0012 attached hereto.
- 2) Section 00815 – Delete Heavy Construction Wage Determination, General Decision Number DE030005, Modification Number 10/31/2003 (pages 00815-4 thru 00815-6) in its entirety.

g. SPECIFICATIONS:

- 1) Appendix I – Delete Appendix I pages A-1 thru A-12 and pages M-1 thru M-23 in their entirety and substitute revised Appendix I pages A-1 thru A-10 and pages M-1 thru M-16 annotated Amendment No. 0012 attached hereto.
- 2) Make the following pen and ink changes to the following sections:
  - a. Section 01000, paragraph 3.1.3.15, change “683” to “638”.
  - b. Section 01000, paragraph 3.1.3.17, add after “Compressors” the words “shall be turned in to the DRMO at Building Number 638.”
  - c. Section 01000, paragraph 3.1.3.18, add after “Carousel: the words “shall be turned in the DRMO in Building 638.”
  - d. Section 01010, Part III, paragraph A.7.b.2).a), delete this paragraph and add the following to paragraph A.7.b.2).b): “Identification of method of calculation of energy efficiency to be employed and the design CESA. “
  - e. Section 01010, Part III, paragraph A.7.c.2), change: “Proposal” to “Design Development.”
  - f. Section 01010, Part III, paragraph A.7.e.3).a), delete this paragraph and add the following to paragraph A.7.e.3).b): “Type of operating personnel and amount of training required; identification of each equipment item or system for which more than one day of training is required; identify source of data.”
  - g. Section 01010, Part III, paragraph C.4.1), delete this paragraph.
  - h. Section 01010, Chapter B23, Paragraphs B.2.a.2) and B.3.c, change the Devoe color code to “BLK, 1P32 YOX, 1P39 OXR19.”

- i. Section 01010, Chapter D, paragraph F.3.f.1).a), delete this paragraph and add the following to paragraph F.3.f.1).b): “General outline of commissioning procedures and responsibilities of the parties.”
  - j. Section 01010, Chapter D1, paragraph B.3.d.1), delete this paragraph.
  - k. Section 01010, Chapter D3, paragraph A.4.a.3), change “ETL43-02” to “ETL 03-02.”
  - l. Section 01010, Chapter E12, “COVER PURCHASE DESCRIPTION FOR AN AIR CARGO HANDLING SYSTEM FOR THE NEW AIR FREIGHT TERMINAL AT DOVER AIR FORCE BASE, DELAWARE, TABLE OF CONTENTS, add: “3.1.9 INVENTORY CONTROL SYSTEM....14”
  - m. Section 01010, Chapter E12, “COVER PURCHASE DESCRIPTION FOR AN AIR CARGO HANDLING SYSTEM FOR THE NEW AIR FREIGHT TERMINAL AT DOVER AIR FORCE BASE, DELAWARE, paragraph 3.1.9, add a paragraph 3.1.9.6: “NON-ELEVATING WORK STATION: One input terminal shall be provided for the non-elevating work station.”
  - n. Section 01010, Chapter G, paragraph B.2.c.1), delete this paragraph.
  - o. Section 01012, page 20, change “17.7.3” to “15.7.3”.
  - p. Appendix F, Table 2, “Lift Transfer Conveyor Enclosure Section”, change “112” to “92”.
  - q. Appendix F, Table 2, “MPETV Lift Storage Conveyor Upper Level”, under K-loader, change “Yes” to “No”.
  - r. Appendix G, delete the “TPQ” at the end of the appendix.
  - s. Appendix I, paragraph III.C.1, seventh line in the “SPACE DESCRIPTION” Column, change “(100 SF Each)” to “(65 SF Each)” and add a note in the “REMARKS” column: “Both work spaces in a the same room.”
- h. Please indicate receipt of this amendment on Standard Form 1442 (SOLICITATION, OFFER, AND AWARD) as Amendment No. 0012. Failure to acknowledge all amendments may be cause for rejection of the proposal.

AIR FREIGHT TERMINAL, DOVER AFB

PROJECT NUMBER: FJXT043003  
REQUEST FOR PROPOSAL  
SOLICITATION NUMBER.: DACA61-03-R-0009

## PROJECT TABLE OF CONTENTS

## DIVISION 00 – BIDDING DOCUMENTS

00010	SOLICITATION, OFFER, AND AWARD (STANDARD FORM 1442) AND PRICING SCHEDULE
00100	INSTRUCTIONS TO BIDDERS
00110	PROPOSAL SUBMISSION REQUIREMENTS, AND PROPOSAL EVALUATION PROCESS
00600	REPRESENTATIONS AND CERTIFICATIONS
00700	CONTRACT CLAUSES
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## DIVISION 02 – SITE WORK

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## DIVISION 13 – SPECIAL CONSTRUCTION

13280	ASBESTOS ABATEMENT
13281	DEMOLITION OF BUILDINGS CONTAINING LEAD-BASED PAINT (LBP)

## APPENDICES

Appendices A thru H pertain to the Mechanized Material Handling System (MMHS). The appendices I and beyond pertain to other aspects of the project.

APPENDIX A – ELEVATING TRANSFER VEHICLES FOR THE AIR CARGO HANDLING SYSTEM

APPENDIX B – MULTI-PALLET ELEVATING TRANSFER VEHICLE SYSTEM FOR THE AIR CARGO HANDLING SYSTEM

APPENDIX C – EVT-PALLET STORAGE ENCLOSURE FOR THE AIR CARGO HANDLING SYSTEM

SECTION 00010 – SUPPLIES OR SERVICES AND PRICES

PRICE SCHEDULE

Item No.	Description	Qty	Unit Price	Amount
BASE				
BID				
0001	All costs in connection with design and design reviews related to the Air Freight Terminal and related design of demolition work, Dover AFB, DE, complete as shown on drawings and as specified except as noted below for items 0001A, 0001B and 0001C. This item includes the design of the common heating and cooling system for the Defense Courier Service, Freight Transfer Facility (FTF) and Cargo Development Facility (CDF).	N/A	LS	\$_____
0001A	All costs in connection with design and design reviews related to the MMHS in the main AFT building.	N/A	LS	\$_____
0001B	All costs in connection with the design and design reviews related to the MMHS in the Outsized Cargo Facility.	N/A	LS	\$_____
0001C	All costs in connection with the design and design reviews related to the Defense Courier Service (DCS) Facility except for shared facilities listed in bid item 0001.	N/A	LS	\$_____
0002	All costs in connection with construction of the Air Freight Terminal, including utilities to points 5 feet outside of the building lines complete as shown on drawings and as specified, except for items 0002A, 0002B, 0003, 0003A, 0004, 0005, 0006, 0007, 0008, 0009, 0010, 0010A, 0010B, 0010C, 0011, 0012, 0013, 0014, 0015, 00016, and 0017.	N/A	LS	\$_____
0002A	All costs in connection with purchase and installation of dock levelers, as shown on drawing A1.01 (Appendix J).	24	\$_____	\$_____
0002B	All costs in connection with purchase and installation of truck levelers, as shown on drawing A1.01 (Appendix J).	2	\$_____	\$_____
0003	All costs in connection with construction of all utilities			

Item No.	Description	Qty	Unit Price	Amount
	beyond points 5 feet outside the building lines, except for communications (see Note below) (except that the underground conduit for communications is part of this bid item) and all site work complete as shown on drawings and as specified, except for items 0004, 0005, 0006, 0007, 0008, 0009, 0009A, 0009B, 0010, 0011, 0011A, 0011B, 0012, 0013, 0014, 0015, 0016, and 0017.	N/A	LS	\$_____
0003A	All costs in connection with purchase and installation of truck levelers for concrete rolling stock loading ramp, as shown n drawing A1.03 (Appendix J).	2	\$_____	\$_____
0004	All costs in connection with purchase, haul and placement of satisfactory structural fill for the main Air Freight Terminal building which includes fill for bid items 0002, 0002B, 0003, 0003A, and 0006.	N/A	LS	\$_____
0005	All costs in connection with removal and disposal of structurally unsatisfactory excavated soil which also includes unsatisfactory soil from bid items 0002, 0002B, 0003, 0003A, and 0006.	N/A	LS	\$_____
0006	Installation of emergency generator.	N/A	LS	\$_____
0007	Demolition of existing buildings and facilities outlined below, except for Item 0008.			
0007A	Demolition of existing Building 504	N/A	LS	\$_____
0007B	Demolition of existing Building 505, Bay 0 and northern section of the Pallet Storage and Racking System and east covered Staging Area	N/A	LS	\$_____
0007C	Demolition of existing Building 510	N/A	LS	\$_____
0007D	Demolition of existing Building 581	N/A	LS	\$_____
0007E	Demolition of existing Building 582	N/A	LS	\$_____
0007F	Demolition of existing Building 583	N/A	LS	\$_____
0007G	Demolition of existing Building 585	N/A	LS	\$_____

Item No.	Description	Qty	Unit Price	Amount
0007H	Demolition of existing Facility 66223	N/A	LS	\$_____
0007I	Demolition of existing Facility 67585	N/A	LS	\$_____
0007J	Demolition of existing Facility 506	N/A	LS	\$_____
0008	Asbestos Abatement			
0008A	Building 504	N/A	LS	\$_____
0008B	Building 510	N/A	LS	\$_____
0008C	Building 582	N/A	N/A	\$_____
0008D	Building 583	N/A	LS	\$_____
<b>TOTAL BASE BID AMOUNT</b>				<b>\$_____</b>

#### OPTIONS

##### OPTION

#1

0009	All costs in connection with purchase and installation of 2 automated elevated transfer vehicles (ETVs), the ETV storage enclosure, and the storage conveyors, Item no. 0010 includes the roofs, stairs, exterior shells, and the overhead doors for the ETV enclosure. The foundation costs for the following: ETV storage enclosure, ETV storage racks and rail shall be included in bid item 0002.	N/A	LS	\$_____
0009A	All costs in connection with purchase and installation of the staging dock conveyors. The costs for the canopies and foundations associated with the staging dock conveyors shall be included in bid item 0002.	N/A	LS	\$_____
0009B	All costs in connection with purchase and installation of the lifts, the lift conveyors, the lift transfer conveyors, the ALOC/Code J conveyors, the ball transfer conveyor system, and the sortation conveyor system. The costs for the lift pits, and the canopy and foundations associated with the ALOC/Code J conveyors shall be included in bid item 0002.	N/A	LS	\$_____
00010	All costs in connection with construction of the Outsized			



Item No.	Description	Qty	Unit Price	Amount
	Cargo Facility, including the FTF and CDF, common HVAC plant/mechanical room for the FTF, CDF, and DCS; and associated utilities to points 5 feet outside the building lines complete as shown on the drawings and as specified, except for new fill – see item 0012, and disposal of unsatisfactory soil – see item 0013, and except for items 0010A, 0011, 0016, and 0017.	N/A	LS	\$_____
0010A	All costs in connection with purchase and installation of truck levelers, as shown on drawing A1.03 (Appendix J).	2	\$_____	\$_____
0011	All costs in connection with construction of all utilities, associated with the Outsized Cargo Facilities, beyond points 5 feet outside the building lines, except for communications (see Note below) and all site work complete as shown on drawings and as specified and except for new fill – see item 0012, and disposal of unsatisfactory soil – see item 0013.	N/A	LS	\$_____
0012	All costs in connection with purchase, haul, and placement of satisfactory structural fill for the outsized cargo facility, FTF, DCS, and CDF which includes fill for bid items 0010, 0010A, 0011, and 0016.	N/A	LS	\$_____
0013	All costs in connection with removal and disposal of structurally unsatisfactory excavated soil for the outsized cargo facility, FTF, DSC, and CDF which includes unsatisfactory fill for bid items 0010, 0010A, 0011, and 0016.	N/A	LS	\$_____
0014	Demolition of Building 505, Bays 1, 2, 3, 4, 5, associated covered storage areas adjacent to bays on the flight line side of the building, exterior overhead crane to include supporting structure, exterior loading ramp, and the Administrative Area on the truck side of the building.	N/A	LS	\$_____
0015	Asbestos Abatement, Building 505 Admin Area	N/A	LS	\$_____
TOTAL FOR OPTION #1				
OPTION #2				
0016	All costs, except as noted in items 0010, 0012, and 0013 for the construction of the DCS, and associated utilities to points 5 feet outside the building lines complete as	N/A	LS	\$_____

Item No.	Description	Qty	Unit Price	Amount
	shown on the drawings and as specified.			
0017	All costs in connection with purchase and installation of the multi-pallet ETV (MPETV), the multi-pallet storage conveyors, the multi-pallet build-up conveyors, motorized pallet conveyor from FTF and DCS, and the 2 overhead bridge cranes. The costs for the supporting structure for the bridge cranes, the overhead canopy, and the dock/foundation for the oversized cargo area, including the MPETV storage racks and rails, shall be included under bid item 0010.	N/A	LS	\$_____
TOTAL FOR OPTION #2				
OPTION #3				
0018	Emergency Generator, less installation.	N/A	LS	\$_____

NOTES:

Government will provide communications lines from nearest tie-in to the building. Communications lines will be in AFT contractor furnished buried conduits.

For the DCS, this RFP includes a complete design for a separate structure. The contractor's designer shall use this as a basis for re-design of the DCS as part of a combined structure: Outsized Cargo Facility, FTF, DCS, and Cargo Development Facility (CDF). However, due to the secure nature of the FTF and DCS functions these two facilities will not share toilet and break room facilities, nor with the Outsized Cargo Facility and the Cargo Development Facility (CDF). However, a common heating and cooling system shall serve the DCS, FTF and CDF.

The Army will procure this facility through a selection process in accordance with the provisions set forth in this Request for Proposal (RFP). When a contract is awarded, it will be a "Firm Fixed Price Contract."

The Congress, in authorizing and funding this contract, has established certain cost limitations for the project. The current estimated limit for the complete design and construction of this project, less the automated and mechanized material handling systems, is \$50,000,000. Total includes applicable Option No. 2 bid items And Option No. 3.. The current estimated limit for the automated and mechanized material handlings systems (total for Items 0009, 0009A, 0009B and 0011B) is \$20,000,000. There are no expectations of additional funding. Proposals that exceed this funding limit after

evaluating the options may be rejected. Submission of desirable alternative features exceeding the minimum requirements may be considered as long as award can be made with the established funds.

For the DCS, the total cost limit for the design and construction is \$1,320,000.

Any proposal that is materially unbalanced as to prices may be rejected. An unbalanced proposal is one which is based on prices significantly less than the cost for some work and prices which are significantly overstated for other work and can also exist where only overpricing or under pricing exists. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

Failure to insert prices for each item, to include bid options in the bid schedule may cause the proposal to be rejected.

52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004)

(a) Definitions. As used in this provision--

“Discussions” are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

“In writing or written” means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

“Proposal modification” is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

“Proposal revision” is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

“Time”, if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals. (1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, or revision, of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications, or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend: This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to

evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with-- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend: Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award. (1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR 15.306(a)). Therefore, the offeror's initial proposal should contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

(i) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.

(ii) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.

(iii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.

(iv) A summary of the rationale for award.

(v) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

(vi) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.

(End of provision)

52.225-12 NOTICE OF BUY AMERICAN ACT REQUIREMENT-- CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (JAN 2004)

(a) Definitions. Construction material, designated country construction material, domestic construction material, foreign construction material, and FTA country construction material, as used in this provision, are defined in the clause of this solicitation entitled "Buy American Act --Construction Materials under Trade Agreements" (Federal Acquisition Regulation (FAR) clause 52.225-11).

(b) Requests for determination of inapplicability. An offeror requesting a determination regarding the inapplicability of the Buy American Act should submit the request to the Contracting Officer in time to allow a determination before submission of offers. The offeror shall include the information and applicable supporting data required by paragraphs (c) and (d) of FAR clause 52.225-11 in the request. If an offeror has not requested a determination regarding the inapplicability of the Buy American Act before submitting its offer, or has not received a response to a previous request, the offeror shall include the information and supporting data in the offer.

(c) Evaluation of offers. (1) The Government will evaluate an offer requesting exception to the requirements of the Buy American Act, based on claimed unreasonable cost of domestic construction materials, by adding to the offered price the appropriate percentage of the cost of such foreign construction material, as specified in paragraph (b)(4)(i) of FAR clause 52.225-11.

(2) If evaluation results in a tie between an offeror that requested the substitution of foreign construction material based on unreasonable cost and an offeror that did not request an exception, the Contracting Officer will award to the offeror that did not request an exception based on unreasonable cost.

(d) Alternate offers. (1) When an offer includes foreign construction material, other than designated country or FTA country construction material, that is not listed by the Government in this solicitation in paragraph (b)(3) of FAR clause 52.225-11, the offeror also may submit an alternate offer based on use of equivalent domestic, designated country, or FTA country construction material.

(2) If an alternate offer is submitted, the offeror shall submit a separate Standard Form 1442 for the alternate offer, and a separate price comparison table prepared in accordance with paragraphs (c) and (d) of FAR clause 52.225-11 for the offer that is based on the use of any foreign construction material for which the Government has not yet determined an exception applies.

(3) If the Government determines that a particular exception requested in accordance with paragraph (c) of FAR clause 52.225-11 does not apply, the Government will evaluate only those offers based on use of the equivalent domestic, designated country, or FTA country construction material, and the offeror shall be required to furnish such domestic, designated country, or FTA country construction material. An offer based on use of the foreign construction material for which an exception was requested--

(i) Will be rejected as nonresponsive if this acquisition is conducted by sealed bidding; or

(ii) May be accepted if revised during negotiations.

(End of provision)

## Section 00110

### Step 2 Proposal Submission Requirements And Proposal Evaluation Process

#### 1.0 PROPOSAL SUBMITTAL INSTRUCTIONS

##### 1.1 General

This is a "Best Value". Best value is determined by the Government selecting the Offeror offering the Government the most advantageous combination of Cost/Price and all other factors listed below equal in importance. This is step two of a two step process. The Step 2 RFP is issued as amendment number nine to the Step One solicitation for the design and construction of the Air Freight Terminal, Dover AFB, Delaware. The design and construction criteria are provided in this amendment. The design and construction criteria rely upon industry standards, except where Government standards are mandatory such as when Government standards are more stringent than industry standards. In response to this amendment to the solicitation the offerors are required to submit Step 2 proposals in accordance with the instructions herein. Not more than five offerors were selected to proceed to Step 2. Technical criteria include Performance Criteria, Design and Construction Schedule, and Key Construction Subcontractor Relevant Experience and Past Performance. Step 2 also includes a requirement for Cost/Price Proposals. Proposals will be evaluated on their own merit based upon the evaluation factors, which are listed below. Technical and cost/price proposals shall be submitted as two separate documents in Step 2. Award will be made, after Step 2 evaluations, to the responsible offeror who represents the best value to the Government. The final rating of each proposal will be in accordance with the Step 1 ratings and evaluation all Step 2 factors and sub-factors as described in this section.

##### 1.2 Step 1 Evaluation Factors:

- (1) Prime Contractor Relevant Experience
- (2) Prime Contractor Past Performance
- (3) Project Key Personnel
- (4) Project Management Plan

1.3 Step 2 Technical: Performance criteria/Design and Construction Schedule/Key Construction Subcontractor Relevant Experience and Past Performance Evaluation Factors. ~~Rated-Evaluation~~ factors are listed in descending order of importance. The overall Step 1 rating is equal in importance to the overall Step 2 rating and the combined overall Step 1 and Step 2 rating is approximately equal in importance to the



cost/price. The performance criteria factor descriptions below are general in nature, see the checklist at the end of this section for a detailed complete list of all performance criteria submittals under the general "rated" ~~and "non-rated"~~ descriptions below:

(1) Factor 1: ~~Rated~~ Performance Criteria - Identification of major materials, assemblies, systems, elements, products, mock-ups, and building configurations. See attached checklist and Section 01010 for required submittals identified as rated sub-factors. All rated sub-factors are equal in importance. For some systems, descriptions shall be provided along with sources, input-side capacities, output-side capacities, loads, sizes, and means of distribution.

~~(2) Factor 2: Non-Rated. Offeror receives either a "GO" or a "NO-GO" for the Criteria - Identification of selected Design Calculation Methods/Computer Simulations and Selected Calculations/Estimated Quantities {words deleted}. See attached checklist and Section 01010 for details.~~

~~(3) Factor 3: Non-Rated. Offeror receives either a "GO" or a "NO-GO" for the Criteria - General outline of commissioning procedures and responsibilities of the parties for selected systems/services. See attached checklist and Section 01010 for details.~~

~~(4) Factor 4: Non-Rated. Offeror receives either a "GO" or a "NO-GO" for the Criteria - Identification of the types of operating personnel and training required for equipment/systems requiring more than one day of training.~~

~~(5) Factor 5: Non-Rated. Offeror receives either a "GO" or a "NO-GO" for the Criteria - Outline Specifications that indicate materials, to include finishes, fixtures, and equipment and construction methods.~~

(6) Factor 6: Design and Construction Schedule - show durations for 15%, 35%, 100%, and final design submittals and durations of construction sequences. Separately, include the estimated time from order to delivery on site for the ETVs. Total duration shall not exceed 36 months. Allow 30 days after the 100% submittal for the Delaware Department of Natural Resources and Environmental Control (DNREC) to issue sediment and erosion control permit for both temporary and permanent measures as designed by the AFT design-build contractor's design agent. Said agent shall prepare the permit application and employ a professional engineer with prior experience preparing applications and related designs for DNREC permits. Allow 21 days per review for the Government to review the 15%, 35% and 100% design submittals. This 21 days includes an on board review meeting at Dover AFB at the end of the 15%, 35% and 100% review periods and 10 days for the Government to compliance check the final submittal before the design agent submits "approved for construction" plans and specifications to the Government.

Note: Building No. 510 will not be available for demolition until 30 Oct 04. Although a construction sequence plan is included in the Step 2 RFP, offeror may submit alternative construction sequence plans that incorporate in the construction schedule the number of days that

the Government needs to vacate buildings prior to demolition and to occupy the new facilities.

(7) Factor 7: Key Construction Subcontractors Relevant Experience - Key construction subcontractor relevant experience shall be submitted using the attached Project Experience Form. The form should be reproduced for each project submitted. Additional lines may be added if required. If a project is currently under construction, annotate percent of completion on the form. Information provided on the Project Experience Form will be evaluated for this Factor and will also be used to support the evaluation of Key Construction Subcontractor Past Performance. Offerors are invited, but not required, to submit photographs of especially successful projects in conjunction with this requirement. Note: It is not necessary to submit more than one Project Experience Form for projects that are the same for two or more of the following categories:

(a) Sub-Factor 7a: Automated/Mechanized Material Handling Systems (A/MMHS): Provide a list of your subcontractor(s) to include manufacturer(s) and manufacturer's certified installer(s) for the A/MMHS including all components such as the Elevating Transfer Vehicles (ETVs).

The A/MMHS subcontractor(s) to include manufacturer(s) and installer(s) must have demonstrated experience during the past ten years in the design, manufacture, software development, installation, and operation of at least two ETVs, to the satisfaction of the Source Selection Authority/Contracting Officer. Indicate if the prime offeror and each subcontractor have worked together on previous projects and provide up to three examples of such projects. Relevant experience shall be submitted using the Project Experience Form provided at the end of this section.

(b) Sub-Factor 7b: Roof Manufacturers and Installers - List your subcontractor(s) to include installer and manufacturer for the roof system. Provide up to three examples of roof installations within the past five years that are relevant in type and magnitude to this project. Indicate if the prime offeror and the subcontractor to include the installer and manufacturer have worked together on previous projects and provide up to three examples of such projects. Use Project Experience Form.

(c) Sub-Factor 7c: Pre-Engineered Metal Building Manufacturer and Installer, if applicable: List your subcontractor(s) to include installer and manufacturer for the building system. Provide up to three examples of installations within the past five years that are relevant in type and magnitude to this project. Indicate if the prime offeror and subcontractor have worked together on previous projects and provide up to three examples of such projects. Use Project Experience Form.

(d) Sub-Factor 7d: List your subcontractors for Civil/Site, other than Pre-Engineered Structural Systems, Mechanical, Plumbing, Electrical, and Fire Protection. Include a description of each subcontractor's past experience. Indicate if the prime offeror and each subcontractor have worked together on previous projects and provide up to three

examples of such projects. Use Project Experience Form. NOTE: FAILURE TO SUBMIT KEY CONSTRUCTION SUBCONTRACTOR PAST PERFORMANCE INFORMATION WILL ADVERSELY IMPACT THE STEP 2 RATING.

For construction work that will be performed in-house, rather than subcontracted out, provide statement(s) to that effect. See Section 00700, Paragraph 52.236-1, "Performance of Work By the Contractor": Prime contractor shall self-perform a minimum of 15% of the total contract amount less the design cost, general & administrative overhead, home office overhead, prime contractor's markup for profit, bonds, other indirect costs on self-performed or subcontracted work, "Owner-operated equipment" for operation by subcontractors, rental of plant or equipment for operation by subcontractors, and purchase of materials for installation by subcontractors. Self-performed work includes mobilization and utilization of owned or rented plant and equipment to be operated by the prime contractor's own employees, only those materials that will be purchased and installed by the prime's own employees, labor associated with those aforementioned materials and equipment, only those supplies to directly support work performed by the prime contractor's own employee, and the prime contractor's own job overhead costs.

(8) Factor 8: Key Construction Subcontractor Past Performance - Provide the information listed on the attached Past Performance Evaluation Questionnaire. References may elect to submit the required information using a substitute format. This information is required from owners of past and in-progress projects for the following key construction subcontractors:

(a) Sub-Factor 8a: A/MMHS Manufacturers and Installers

(b) Sub-Factor 8b: Roof System Manufacturers and Installers

(c ) Sub-Factor 8c: Pre-Engineered Metal Building Manufacturers and Installers

(d) Sub-Factor 8d: Civil/Site, other than Pre-Engineered Structural Systems, Mechanical, Plumbing, Electrical, and Fire Protection

NOTE: The offerors are advised that once the Government receives Step 2 proposals, substitution of the proposed key construction subcontractors will not be permitted unless approved by the contracting officer.

1.4 The offeror is required to certify that all items submitted in the proposal comply with the RFP requirements and any differences, deviations or exceptions must be stated and explained. Offerors are required to complete the Compliance Statement provided below and submit it with their proposal. Even if there are no differences, deviations or exceptions, the offeror must submit the Compliance Statement and state that none exist.

Statement of Compliance:

This offeror hereby certifies that all items submitted in this proposal comply with the solicitation requirements. The criteria specified in Solicitation No. DACA61-03-R-0009, Step 2 are binding contract criteria and in case of any conflict after award, between DACA61-03-R-0009 and the contractor's proposal, the solicitation criteria shall govern unless there is a written and signed agreement between the contractor and the Government waiving a specific requirement.

1.5 Format

The Step 2 Proposal shall contain:  
**(Volume I) (Technical):**

- a. Title Page, including the title of the solicitation, solicitation number, and date of submittal
- b. Table of Contents
- c. Compliance Statement
- d. Specific Information for Evaluation as described in paragraph 3, below.

**(Volume 2) - (Pro Forma Requirements):**

- e. Completed Standard Form (SF) 1442 and Bid Guarantee.
- e. Completed Section 00010 - bid schedule and completed price breakdown. The price breakdown form is attached to the end of this section. Submit both in a sealed envelope marked "Price Information" separate from all other documents submitted.
- f. Sub-Contracting Plan and Pre-Award Survey
- g. **Computation Sheet- "Percent of Self-Performed Work" from Section 00800, SCR-2.**

1.6 Envelopes

Proposal submission envelopes and/or boxes shall be marked:

Date of Opening: \_\_\_\_\_

Time of Opening: \_\_\_\_\_

Proposal for: DACA61-03-R-0009, Step 2

ATTN: CENAP-CT-C

1.8 Submittal of Proposals

Offerors shall submit their proposals to the U. S. Army Corps of Engineers-Philadelphia District, ATTN: CENAP-CT-C, Wanamaker Building,

100 Penn Square East, Room #643, Philadelphia, PA 19107-3390, no later than the time and date specified on Standard Form 1442, Block 13, for Step 2.

#### 1.9 Incurring Costs

The Government is not liable for any costs incurred by the Offeror submitting an offer in response to this solicitation.

#### 2.0 EVALUATION PROCESS

##### 2.1 Proposal Compliance Review

This review will assure that all required forms and certifications are complete. Offerors are advised that the evaluation and rating of all proposals will be conducted in strict confidence.

Step 2 Evaluation Factors: The evaluation process will be the evaluation of each offeror's technical proposal, to include selected construction subcontractor relevant experience and past performance, and cost/price proposals. Overall technical rating, to include Step 1 rating, is approximately equal in importance to cost/price.

Possible ratings for each factor are:

- a. Excellent
- b. Above Average
- c. Average
- d. Below Average
- e. Noncompliant

Ratings for each factor are described in paragraph 4, below.

##### 2.2 Miscellaneous

The Government reserves the right to reject any or all proposals at any time prior to award, to negotiate with Step 2 offerors in the competitive range, and to award a contract to the Step 2 offeror with the most advantageous proposal, cost/price and other factors considered. Offerors are advised that it is the intent of the Government that an award will be made without discussions. However, the Government reserves the right to hold discussions if it determines that discussions are necessary. Therefore, proposals should be submitted on the most favorable terms that the offeror is able to submit. Offerors should NOT assume that they will be contacted or afforded an opportunity to clarify, discuss or revise their proposals. After Step 2 proposals have been evaluated, the trade-off process found in FAR 15.101-1 may be used by the Source Selection Authority (SSA) to make the award decision. This process permits tradeoffs among cost or price and no-cost factors that allow the Government to accept other

than the lowest priced proposal if the perceived benefits merit the additional costs. It is the intent of the Government to award a contract to the offeror offering the most advantageous proposal to the Government considering that the Step 1 and Step 2 evaluation factors, when combined, are equal in importance to cost/price.

See paragraph 4.0 for details of the evaluation process.

### 3.0 Step 2 - PROPOSAL SUBMISSION REQUIREMENTS

3.1 Technical: See attached checklist and Section 01010 for detailed submission requirements. In the technical volume of your offer clearly identify with the checklist number where you are submitting information on each submission requirement.

3.2 Design and Construction Schedule: a bar chart with a narrative explanation of what occurs in each phase is acceptable. Schedule shall include durations of each design and the construction sequencing.

#### 3.3 Selected Key Subcontractor Relevant Experience

Subcontractor's relevant experience shall be submitted using the attached Project Experience Form. The form should be reproduced for each project submitted. Additional lines may be added if required. If a project is currently under construction, annotate percent of completion on the form. Information provided on the Project Experience Form will be evaluated for this Factor and will also be used to support the evaluation of subcontractors' Past Performance. Offerors are invited, but not required, to submit photographs of especially successful projects in conjunction with this requirement.

The offeror shall demonstrate relevant experience by the physical completion and client acceptance of at least 3, but not more than 6, relevant projects completed within the past ten years. Do not submit more than a total of six completed and/or in-progress projects. To be considered relevant, these projects should demonstrate experience with new construction of cargo/freight handling facilities and in particular air cargo/freight. Proposals shall include at least the following:

- a) Subcontractor's name and Prime Offeror's name
- b) Project Name and Location
- c) Scope and Relevance
- d) Award Amount and Completion Amount
- e) Original and Final Contract Duration's and Completion Dates
- f) Performance Rating
- g) Project Owner and Point of Contact Information
- h) Role of Subcontractor in Project
- i) Success in Commissioning the Project

#### 3.4 Selected Subcontractors' Past Performance

Information listed on the attached Past Performance Evaluation Questionnaire is required from owners of past and in-progress projects.

Use of the form is optional. References may elect to submit the required information using a substitute format. See next paragraph.

The offeror shall provide the performance evaluations on the same projects submitted under paragraph 3.3 above. The submitted projects shall have at least a "Satisfactory" performance rating. Submission of correspondence from project owners will suffice if performance evaluation forms are not available. For government agency projects, the offeror shall submit that agency's performance evaluation forms. The Government may contact the individuals identified by the offeror to confirm performance capabilities. The offeror must take whatever steps are necessary to ensure that the named individuals can be reached at the number indicated for a reference. The Government may use other information that is readily available to determine an offeror's past performance, such as CCASS or ACASS ratings. The requirement to submit information pertaining to this evaluation factor is a separate requirement from the Step 2 submission of pre-award survey information with the cost/price proposal.

Subcontractor Past Performance Information. At the end of this section is included the sample Past Performance Evaluation Questionnaire. The offeror shall identify the in-progress or completed projects to be used for reference and evaluation purposes. Provide a questionnaire to the Point of Contact for each project listed for completion. When completed, these forms or a reference's substitute form shall be sent by the subcontractors to the prime offeror for inclusion in the Step 2 proposal. Failure of a reference to submit will adversely affect the overall rating received. It is the prime offeror's responsibility to ensure that the reference documentation is provided. The Government WILL NOT make additional requests for past performance information or references. Completed projects from which questionnaires are received shall have been completed within ten years of the date of the solicitation.

The Source Selection Evaluation Board (SSEB) may elect to contact those clients who did not send questionnaires.

NOTE: FAILURE TO SUBMIT KEY SUBCONTRACTOR PAST PERFORMANCE INFORMATION WILL ADVERSELY IMPACT THE PAST PERFORMANCE RATING.

The Government reserves the right to verify previous performance by reviewing the USACE Construction Contractor and Architect-Engineer Appraisal Support System (CCASS/ACASS) data base, and to interview owners and references.

3.5 Price: Complete Section 00010 and the price-breakdown attached to this section.

#### 4.0 EVALUATION OF STEP 2 TECHNICAL PROPOSAL

The proposal criteria described below indicate how the government will evaluate each offeror's response to the requested information.

##### 4.1 Evaluation Standards:

4.1.1 Factor 1: all sub-factors are equal in importance.

-Excellent: Identified betterments that greatly exceed the stated amenity and comfort, health and safety, durability, and operations and maintenance performance requirements in Section 01010. To receive this rating a majority of the rated sub-factors must receive this rating and as long as no sub-factors receive less than an Average.

-Above Average: Identified betterments that exceed the stated amenity and comfort, health and safety, durability, and operations and maintenance performance requirements in Section 01010. To receive this rating a majority of the rated sub-factors must receive this rating or an Excellent and as long as no sub-factors receive a Below Average.

-Average: No betterments identified. To receive this rating half of the rated sub-factors must receive this rating or higher and as long as no sub-factors are noncompliant.

-Below Average: Failure to identify or meet the performance criteria stated in Section 01010 for more than half of the rated sub-factors.

-Noncompliance: Failure to identify or meet the performance criteria stated in Section 01010 for all of the rated sub-factors.

~~4.1.2 Factor 2: This is a "GO", "NO-GO" sub factor. Offerors who fail to submit the required information will receive a "NO-GO".~~

~~4.1.3 Factor 3: This is a "GO", "NO-GO" sub factor. Offerors who fail to submit the required information will receive a "NO-GO".~~

~~4.1.4 Factor 4: This is a "GO", "NO-GO" sub factor. Offerors who fail to submit the required information will receive a "NO-GO".~~

~~4.1.5 Factor 5: This is a "GO", "NO-GO" sub factor. Offerors who fail to submit a list of technical specifications will receive a "NO-GO".~~

4.2 Factor 6, Design and Construction Schedule:

-Excellent - complete the project in less than 33 months

-Above Average - complete the project in less than 36 months

-Average - complete the project in 36 months

Note: Offerors proposing to complete the project in more than 36 months are considered to be noncompliant.

4.3 Factor 7, Selected Key Subcontractor Relevant Experience

4.3.1 Sub-Factor 7a

-Excellent - demonstrates experience with the design, manufacture, and installation of A/MMHS to include Elevated Transfer Vehicles and Pallet Conveyor Systems



-Above Average - demonstrates experience with the design, manufacture, and installation of any types of air cargo material handling systems

-Average - demonstrates experience with the design, manufacture, and installation of cargo handling systems

- Below Average - demonstrates experience with the design, manufacture, and the installation of material, other than cargo, handling systems

-Noncompliance - demonstrates no experience with the design, manufacture, and installation of cargo handling systems

#### 4.3.2 Sub-Factor 7b

-Excellent - demonstrates experience with the installation of structural and non-structural standing seam metal roofs for warehouse type facilities over 200,000 sf.

-Above Average - demonstrates experience with the installation of structural and non-structural standing seam metal roofs for any type of large structure over 200,000 sf.

-Average - demonstrates experience with the installation of structural and non-structural standing seam metal roofs.

-Below Average -no prior experience with the installation of either structural or non-structural standing seam metal roofs

-Noncompliance - Not applicable. Only a standing seam metal roof is acceptable.

#### 4.3.3 Sub-Factor 7c

-Excellent - demonstrates experience with the design, manufacture, and assembly of pre-engineered buildings over 200,000 sf.

-Above Average - demonstrates experience with the design and assembly of pre-engineered buildings over 200,000 sf.

-Average - demonstrates experience with the assembly of pre-engineered buildings over 200,000 sf.

-Below Average - no prior experience with the assembly of pre-engineered buildings.

-Noncompliance - Not applicable. Installers of pre-engineered buildings must be certified by the pre-engineered building manufacturer.

#### 4.3.4 Sub-Factor 7d

-Excellent - demonstrates experience with structures over 200,000 sf.

-Above Average - demonstrates experience with structures less than 200,000 sf but more than 100,000 sf.

-Average - demonstrates experience with structures less than 100,00 sf but more than 50,000 sf.

-Below Average - demonstrates experience with structures less than 50,000sf

-Noncompliance - failure to demonstrate any experience in two or more listed disciplines.

#### 4.4 Factor 8, Key Subcontractor Past Performance

-Excellent - all key subcontractors have higher than satisfactory ratings

-Above Average - majority of key subcontractors have higher than satisfactory ratings

-Average - all key subcontractors have at least satisfactory ratings

-Below Average - less than half of key subcontractors have less than satisfactory ratings

-Noncompliance - more than half of key subcontractors have less than satisfactory ratings

Project Name: Air Freight Terminal

Project No. FJXT043003  
REQUEST FOR PROPOSAL  
DACA61-03-R-0009  
Amendment 0012

***Attachment 1: PROJECT EXPERIENCE***

Prime Offeror's Name \_\_\_\_\_  
Key Construction Subcontractor Company Name (Step 2 ONLY) \_\_\_\_\_  
\_\_\_\_\_

Experience Provided for (check more than one box if applicable)

[ ] Type of Key Construction Subcontractor \_\_\_\_\_

Was the project design-build? \_\_\_ Yes \_\_\_ No

Was the project a firm-fixed-price contract (Y/N) If no, what type was it? \_\_\_\_\_

Name of Project/Location \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

General Scope of Project and Relevance to this project \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Owner of the Project \_\_\_\_\_  
\_\_\_\_\_

(Note: If Government Contract, give Contract No. and Contracting Office)

Owner's P.O.C. to include Name, Address and Phone \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Note: If Government Contract, give name of Contracting Officer)

Role (prime, joint venture) and work your company self-performed on this contract, and number of years in this role \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Construction Contract Completion Date \_\_\_\_\_

Construction Contract Value at Award \_\_\_\_\_

Construction Contract Value at Completion \_\_\_\_\_

Project Name: Air Freight Terminal

Project No. FJXT043003  
REQUEST FOR PROPOSAL  
DACA61-03-R-0009  
Amendment 0012

Extent and type of work you subcontracted out by percentage\_\_\_\_\_

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Original Contract Duration\_\_\_\_\_

Final Contract Duration\_\_\_\_\_

Customer Satisfaction: (Attach awards, letters of appreciation, or other honoraria if received)

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Lost time accidents and Safety Rating\_\_\_\_\_

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Success in Commissioning Electrical, Mechanical and LAN Systems\_\_\_\_\_

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Overall Rating for Quality Control and Timeliness of Completion\_\_\_\_\_

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## Attachment 2

*{sample transmittal letter deleted}*

### PAST PERFORMANCE EVALUATION QUESTIONNAIRE

1. Prime Offeror's Name \_\_\_\_\_

2. Key Subcontractor Name & Address (City and State)

\_\_\_\_\_

2. Type of Contract: Fixed Price \_\_\_\_\_ Cost Reimbursement \_\_\_\_\_  
Other (Specify) \_\_\_\_\_

3. Title of Project/Contract Number:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Description of Work: (Attach additional pages as necessary)

5. Complexity of Work: High \_\_\_\_\_ Mid \_\_\_\_\_ Routine \_\_\_\_\_

6. Location of Work: \_\_\_\_\_

7. Date of Award: \_\_\_\_\_

8. Status: Active \_\_\_\_\_ (provide percent complete)  
Complete \_\_\_\_\_ (provide completion date)

9. Name, address and telephone number of Contracting Officer's Technical Representative:

### QUALITY OF PRODUCT/SERVICE:

10. Evaluate the contractor's performance in complying with contract requirements, quality achieved, and overall technical expertise demonstrated.

Excellent	
Above Average	
Average	
Below Average	
Unsuccessful or Experienced Significant Problems	

**Remarks:**

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**11. To what extent were the contractor's reports and documentation accurate, complete, and submitted in a timely manner?**

<b>Excellent</b>	
<b>Above Average</b>	
<b>Average</b>	
<b>Below Average</b>	
<b>Unsuccessful or Experienced Significant Problems</b>	

**Remarks:**

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**12. To what extent was the contractor able to solve performance problems without extensive guidance from government/owner counterparts?**

<b>Excellent</b>	
<b>Above Average</b>	
<b>Average</b>	
<b>Below Average</b>	
<b>Unsuccessful or Experienced Significant Problems</b>	

**Remarks:**

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**13. How well did the contractor manage and coordinate subcontractors, suppliers, and the labor force?**

<b>Excellent</b>	
<b>Above Average</b>	
<b>Average</b>	
<b>Below Average</b>	
<b>Unsuccessful or Experienced Significant Problems</b>	

Remarks:

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**14. To what extent were the end users satisfied with:**

	<b>Quality?</b>	<b>Cost?</b>	<b>Schedule?</b>
<b>Exceptionally Satisfied</b>			
<b>Highly Satisfied</b>			
<b>Satisfied</b>			
<b>Somewhat Dissatisfied</b>			
<b>Highly Dissatisfied</b>			

Remarks:

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**TIMELINESS OF PERFORMANCE:****16. To what extent did the contractor meet the schedule?**

<b>Completed Substantially Ahead of Schedule</b>	
<b>Completed on Schedule with no Time Delays</b>	
<b>Completed on Schedule with Minor Delays Under Extenuating Circumstances</b>	
<b>Experienced Significant Delays without Justification</b>	

**Remarks:**

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**OTHER REMARKS:**

**17. Use the space below to provide other information related to the contractor's performance. This may include the contractor's selection and management of subcontractors, flexibility in dealing with contract changes, their overall concern for the Government's/Owner's interest, project awards received.**

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CHECKLIST – TECHNICAL DOCUMENTS TO BE SUBMITTED BY OFFERORS  
AS PART OF THEIR PROPOSAL PER SECTION 01010 FOR EVALUATION BY  
THE GOVERNMENT – as of Amendment 0012

1. Part III, Paragraph A5b1), Structure –Identify major structural materials and systems. This is Sub-Factor 1a and is rated.

~~2. Part III, Paragraph A7b2)a) – Identify method of calculating energy efficiency and proposed CESA (Computer Energy System Analysis). This is Sub-Factor 2a and is non-rated.~~

~~3. Part III, Paragraph A7c2) – Estimated quantity of water use in the first year of operations (domestic, HVAC, other) with quantity recycled. This is Sub-Factor 2b and is non-rated.~~

~~4. Part III, Paragraph A7e3)a) – Type of operating personnel and amount of training required. Identify each equipment item or system for which more than 1 day of training is required. Identify source data. This is Sub-Factor 4 and is non-rated.~~

~~5. Part III, Paragraph C4,1) – Identify which elements will elements that will be accomplished using proven-by mock-up elements. This is Sub-Factor 1b and non-rated.~~

6. Part III, Paragraph C6b – Identify one or more product types for each system, assembly, or element and provide a brief description or performance specifications for each product type. For major manufactured products that are commonly purchased by brand name, and any other product so indicated in Section 01010, identify at least one manufacturer that will be used. This is Sub-Factor 1c and is rated.

7. Chapter A, Substructure, Paragraph A2d4)a) –identify substructure elements required as sound barriers and proposed methods of meeting acoustical requirements. This is Sub-Factor 1d and is rated.

8. Chapter A, Paragraph A4e1) – Identify major structural (Substructure) materials and systems. This is Sub-Factor 1e and is rated.

9. Chapter B, Shell, Paragraph A2e4)a), Amenity & Comfort – Identify spaces relying on natural ventilation with description of ventilation concept and required building elements. This is Sub-Factor 1f and is rated.

10. Chapter B, Paragraph A2f5)a) – Identify exterior enclosure elements required as sound barriers and proposed methods of meeting acoustical requirements. This is Sub-Factor 1g and is rated.

11. Chapter B, Paragraph A3d2)a) – Identify volumes of spaces relying on natural ventilation with description of ventilation concept and required building elements. This is Sub-Factor 1h and is rated.
12. Chapter B, Paragraph A4a6)a) – Identify major structural (shell) materials and systems. This is Sub-Factor 1i and is rated.
13. Chapter B, Paragraph A5c9)a) – Identify weather exposed elements (for water resistance) and proposed materials. This is Sub-Factor 1j and is rated.
14. Chapter B1, Superstructure, Paragraph A3b7)a) – Identify major fire resistive materials and systems (for superstructure). This is Sub-Factor 1k and is rated.
15. Chapter B11, High Bays, Paragraph A3b6)a) – Identify major fire resistive materials and systems (for high bays). This is Sub-Factor 1l and is rated.
16. Chapter B12, Elevated Floors, Paragraph A3b6)a) – Identify major fire resistive materials and systems (for elevated floors). This is Sub-Factor 1m and is rated.
17. Chapter B13, Covered Storage, Paragraph A2b4)a) – Identify major fire resistive materials and systems (for outside covered storage). This is Sub-Factor 1n and is rated.
18. Chapter B15, Roofs, Paragraph A3b5)a) – Identify major fire resistive materials and systems (for roofs). This is Sub-Factor 1o and is rated.
19. Chapter B2, Exterior Enclosure, Paragraph A3b5)a) – Identify major fire resistive materials and systems (for the exterior enclosure). This is Sub-Factor 1p and is rated.
20. Chapter B21, Exterior Walls, Paragraph A3b5)a) – Identify major fire resistive materials and systems (for the exterior walls). This is Sub-Factor 1q and is rated.
21. Chapter B22, Exterior Windows and Other Penetrations, Paragraph A3b6)a) – Identify major fire resistive materials and systems (for exterior windows). This is Sub-Factor 1r and is rated.
22. Chapter B23, Exterior Doors, Paragraph A3b6)a) – Identify major fire resistive materials and systems (for exterior doors). This is Sub-Factor 1s and is rated.
23. Chapter C, Interiors, Amenity & Comfort, Paragraph B1b1) – Information on overall building configuration that will permit natural ventilation of all major spaces. This is Sub-Factor 1t and is rated.
24. Chapter C, Paragraph B4e1) – Information on overall building configuration that will permit daylighting to levels specified. This is Sub-Factor 1u and is rated.

25. Chapter C1, Paragraph B1i1) – Identify proposed STC values for major building elements. This is Sub-Factor 1v and is rated.
26. Chapter C19, Paragraph C1a1) – Identify proven-in-use assemblies of the same type, for inspection by Dover AFB. This is Sub-Factor 1w and is rated.
27. Chapter C25, Fixed Seating, Paragraph D1a1) - Identify proven-in-use assemblies. This is Sub-Factor 1x and is rated.
28. Chapter D, Services, Paragraph F1g1) - Describe systems required, sources, input side capacities, and means of distribution (for operation and maintenance of services). This is Sub-Factor 1y and is rated.
- ~~29. Chapter D, Paragraph F3f1) – general outline of commissioning procedures and responsibility of parties. This is Sub-Factor 3 and is non-rated.~~**
- ~~30. Chapter D1, Conveying Systems, Paragraph B3d1) – calculations or results of computer simulation, demonstrating compliance with performance requirements (for elevators). This is Sub-Factor 2c and is non-rated.~~**
31. Chapter D1, Paragraph F3a1) – maintenance impact analysis, include scope of maintenance effort (for elevator system maintenance). This is Sub-Factor 1z and is rated.
32. Chapter D51, Electrical Energy Generator, Paragraph F1c1) – Listing of input/output voltage, types of load covered, and generic equipment characteristics. This is Sub-Factor 1aa and is rated.
33. Chapter D52, Service and Distribution, Paragraph F1e1) – Identify service voltages, service amperage, and major equipment. This is Sub-Factor 1bb and is rated.
34. Chapter D62, Exterior Area Lighting, Paragraph D3a – Identify proven-in-use assemblies of same type for inspection by Dover AFB. This is Sub-Factor 1cc and is rated.
35. Chapter E, Equipment and Furnishings, Paragraph D1a1) - Identify proven-in-use assemblies of same type for inspection by Dover AFB. This is Sub-Factor 1dd and is rated.
36. Chapter E1, Equipment, Paragraph C1a1) - Identify proven-in-use assemblies of same type for inspection by Dover AFB. This is Sub-Factor 1ee and is rated.
37. Chapter E11, Paragraph D1a1) - Identify proven-in-use assemblies of same type for inspection by Dover AFB. This is Sub-Factor 1ff and is rated.

~~38. Chapter G, Site work, Paragraph B3c1) - Engineering Calculations for critical activity areas, predicting acoustical conditions. This is Sub-Factor 2d and is non-rated.~~

39. Chapter G3, Site Services, Paragraph F1d1) - Describe systems required, sources, input and output side capacities and loads, and sizes of distribution elements. This is Sub-Factor 1gg and is rated.

52.225-11 BUY AMERICAN ACT--CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (JAN 2004)

(a) Definitions. As used in this clause--

Component means an article, material, or supply incorporated directly into a construction material.

Construction material means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

Cost of components means--

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.

Designated country means any of the following countries: Aruba, Austria, Bangladesh, Belgium, Benin, Bhutan, Botswana, Burkina Faso, Burundi, Canada, Cape Verde, Central African Republic, Chad, Comoros, Denmark.

Djibouti, Equatorial Guinea, Finland, France, Gambia, Germany, Greece, Guinea, Guinea-Bissau, Haiti, Hong Kong, Ireland, Israel, Italy, Japan.

Kiribati, Korea, Republic of, Lesotho, Liechtenstein, Luxembourg, Malawi, Maldives, Mali, Mozambique, Nepal, Netherlands, Niger, Norway, Portugal, Rwanda.

Sao Tome and Principe, Sierra Leone, Singapore, Somalia, Spain, Sweden, Switzerland, Tanzania U.R., Togo, Tuvalu, Uganda, United Kingdom, Vanuatu, Western Samoa, Yemen.

Designated country construction material means a construction material that--

(1) Is wholly the growth, product, or manufacture of a designated country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a designated country into a new and different construction material distinct from the materials from which it was transformed.

Domestic construction material means--

(1) An unmanufactured construction material mined or produced in the United States; or

(2) A construction material manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic.

Foreign construction material means a construction material other than a domestic construction material.

Free Trade Agreement country means Canada, Chile, Mexico, or Singapore.

Free Trade Agreement country construction material means a construction material that--

- (1) Is wholly the growth, product, or manufacture of a Free Trade Agreement (FTA) country; or
- (2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a FTA country into a new and different construction material distinct from the materials from which it was transformed.

United States means the 50 States, the District of Columbia, and outlying areas.

(b) Construction materials. (1) This clause implements the Buy American Act (41 U.S.C. 10a-10d) by providing a preference for domestic construction material. In addition, the Contracting Officer has determined that the Trade Agreements Act and Free Trade Agreements (FTAs) apply to this acquisition. Therefore, the Buy American Act restrictions are waived for designated country and FTA country construction materials.

(2) The Contractor shall use only domestic, designated country, or FTA country construction material in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

(3) The requirement in paragraph (b)(2) of this clause does not apply to the construction materials or components listed by the Government as follows: (Contracting Officer to list applicable excepted materials or indicate "none")

(4) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(3) of this clause if the Government determines that--

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the restrictions of the Buy American Act is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

(ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American Act.

(1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including--

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American Act applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American Act applies, use of foreign construction material is noncompliant with the Buy American Act.

(d) Data. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

Construction material description	Unit of measure	Quantity	Price (dollars) \1\
Item 1:			
Foreign construction material....			
Domestic construction material....			
Item 2:			
Foreign construction material....			
Domestic construction material....			

\1\ Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).

List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.

Include other applicable supporting information.

(e) United States law will apply to resolve any claim of breach of this contract.

(End of clause)

52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JAN 2004)

(a) Except as authorized by the Office of Foreign Assets Control (OFAC) in the Department of the Treasury, the Contractor shall not acquire, for use in the performance of this contract, any supplies or services if any proclamation, Executive order, or statute administered by OFAC, or if OFAC's implementing regulations at 31 CFR chapter V, would prohibit such a transaction by a person subject to the jurisdiction of the United States.

(b) Except as authorized by OFAC, most transactions involving Cuba, Iran, Libya, and Sudan are prohibited, as are most imports from North Korea, into the United States or its outlying areas. Lists of entities and individuals subject to economic sanctions are included in OFAC's List of Specially Designated Nationals and Blocked Persons at

TerList1.html. More information about these restrictions, as well as updates, is available in the OFAC's regulations at 31 CFR chapter V and/or on OFAC's Web site at <http://www.treas.gov/ofac>.

(c) The Contractor shall insert this clause, including this paragraph (c), in all subcontracts.

(End of clause)



**SECTION 00800****SPECIAL CONTRACT REQUIREMENTS.****SCR-1 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (Apr 1984)**

(a) The Contractor shall be required to (1) commence work under this contract within 10 calendar days after the date the Contractor receives the notice to proceed, (2) prosecute the work diligently, and (3) design and construct the entire work. The times stated for completion shall include final cleanup of the premises. The Contracting Officer has the right to exercise Options Number 1 Number 3 within 120 calendar days after the Contractor receives the Notice to Proceed for the Base Bid and to exercise Option Number 2 within 365 calendar days after the Contractor receives the Notice to Proceed for the Base Bid. These options do not extend the period of performance of the contract. Option work shall be completed concurrently with the Base Bid work. The time stated for completion shall include final cleanup of the site.

Sequence of Work:

1. Prepare design and construction documents for the project.
2. Construct new Aircraft Wash Rack and Oil/Water Separator/Lift Station between existing Buildings 706 and 711. Relocate Facility Number 507 (Fuel tank, VIL, key pump, and computer line) directly south of Facility Number 509. Once these facilities are completed, demolish existing facilities 66223 and 583.
3. Demolish existing Buildings 504, 506, 510, 581, 582, 585, Facility 67585.
4. Demolish Bay 0, northern section of the Pallet Storage and Racking System and east covered Staging Area of existing Building 505 to provide a cleared site for construction of the new AFT (Air Freight Terminal).
5. Construct new main AFT Building (North Administration Building to ALOC/Code "J" Dock) along with associated paving and utilities to have an operational building. Include the relevant Mechanical Material Handling System (MMHS) which is in Option Number 1, as outlined on the Price Schedule in Section 00010.
6. Allow the Government 21 days to vacate the remaining portion of existing Building 505, except Bays 4 and 5, and occupy the new main AFT Building.
7. Demolish the Bays 1, 2 and 3, Administration structure, Pallet Storage and Racking System structure, and covered loading docks of existing Building 505, to construct the new Outsized Cargo Facility. This would allow the facility to have continued access to a 35 ton bridge crane. When Bays 1, 2, and 3 are demolished, ensure sufficient electrical power is left to sustain operations in Bays 4 and 5 to include the cranes, MPETV, finger docks, roller system, and any other system components. Remove and process sprung structure in accordance with Section 01000.
8. Construct the new Outsized Cargo Facility, and attached Defense Courier Service, Freight Transfer and Cargo Deployment Facilities, along with associated paving and utilities to have an operational building. Include the relevant MMHS, which is part of Option Number 2, as outlined in the Price Schedule in Section 00010.
9. Allow the Government 21 days to vacate Bays 4 and 5 of Building 505 and occupy the new Outsized Cargo Facility, and the Defense Courier Service, Freight Transfer and Cargo Deployment Facilities.
10. Demolish the remainder of Building 505.
11. Complete the installation of the utilities and pave the remainder of the site.

Duration of Construction: 36 months

- (b) Liquidated damages for failure to complete the work within the two time periods specified above is addressed in paragraph SCR-15 of Section 00800, "Special Contract Requirements."

- (c) Provisions stipulated for conducting test on heating and air condition systems shall be performed prior to Government occupancy of completed phases.
- (d) Provisions stipulated for planting and maintenance of grass are excluded from the completion time stated above.

(End of Clause)

## **SCR-2 52.236-1 PERFORMANCE OF WORK BY THE CONTRACTOR (APR 1984)**

The Contractor shall perform on the site, and with its own organization, work equivalent to at least 15 percent of the total amount of work to be performed under the contract, not including design work. This percentage may be reduced by a supplemental agreement to this contract if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the Government. Identify what parts of the project will be "self-performed" by in-house forces and the related cost for each part, as defined below. If sufficient information is available at the time your offer is prepared, state ~~(within this Organization factor narrative)~~ the percentage of work you will self-perform. If sufficient information is not available during preparation of this narrative, state that the information is in the Pro-Forma requirements.

Computation Sheet. Provide and illustrate the calculation for "percent of self-preformed work", in accordance with the definitions below. Use the form attached hereinafter.

The following are definitions concerning self-performance of work by the Prime Contractor.

"Self-performance of work" generally includes mobilization and utilization of owned or rented plant and equipment to be operated by the prime contractor's own employees; only those materials which will be both purchased and installed by the prime's own forces; labor associated with those aforementioned materials or equipment; only those supplies to directly support work performed by the contractor's own employees; and the contractor's own job overhead costs.

The following is NOT self-performed work for purposes of the clause: Prime contractor markups for profit, general and administrative overhead, bonds, or other indirect costs on self-performed or subcontractors; purchase of materials for installation by subcontractors.

"On the site" includes the construction site(s) as well as off-site fabrication plant or other facilities necessary to manufacture assemblies or provide materials to be incorporated into the construction project.

"Total amount of work to be performed under the contract" is comprised of all direct (variable, fixed, one-time and semi-variable) costs to the contractor, including jobsite overhead costs, to construct the project. It generally includes all self-performed work, as defined above, and cost of all supplies, materials and subcontracts. It does not include design costs, home or branch office overhead costs or prime contractor markup for bond, profit, etc."

### **FORMAT FOR CALCULATION OF SELF-PERFORMED WORK, DESIGN-BUILD CONTRACTS (for all Contracts, except 8(a))**

Use a format similar to the following to identify and calculate cost of the work to be self-performed. Refer to the definition pertaining to "Self-performance of work", "On the site" and "Total amount of work to be performed under the contract". Include this information in **Volume II Pro Forma Requirement. the envelope for Volume II (pro Forma Requirements), if undetermined until the specified deadline for proposal submission. Otherwise include it in Volume I (Performance Capability) in TAB A** ;

A. Clearly describe the work to be self-performed:

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B. Show Calculation of Self-Performed Work:

B.1 Total Bid Price: \$ \_\_\_\_\_

B.2 Subtract Design Cost: (\$ \_\_\_\_\_)

B.3 Subtract G&A, home office overhead, prime contractor's  
Markup for profit, bond, state use tax, etc. (\$ \_\_\_\_\_)

B.4 Remainder is "Total amount of work to be performed  
Under the Contract". (\$ \_\_\_\_\_)

B.5 "Work to be self-performed": (\$ \_\_\_\_\_)

(Includes mobilization and utilization of owned or rented plant and equipment to be operated by the prime contractor's own employees; only those materials, which will be both purchased and installed by the prime's own forces; labor associated with those aforementioned materials or equipment; only those supplies to directly support work performed by the contractor's own employees; and the contractor's own job overhead costs.)

B.6 %Self-performed Work = Line B.5/Line B.4 x 100% = (\$ \_\_\_\_\_)

(End of Clause)

### **SCR-3 PROPOSED BETTERMENTS – AUG 1997**

(a) The minimum requirements of the contract are identified in the Request for Proposal. All betterments offered in the proposal become a requirement of the awarded contract.

(b) A "Betterment" is defined as any component or system, which exceeds the minimum requirements, stated in the Request for Proposal. This includes all proposed betterments listed in accordance with the "Proposal Submission Requirements" of the Solicitation, and all Government identified betterments.

(c) "Government identified betterments" include the betterments identified on the "List of Accepted Project Betterments" prepared by the Proposal Evaluation Board and made part of the contract by alteration, and all other betterments identified in the accepted Proposal after award.

(End of Clause)

### **SCR-4 KEY PERSONNEL, SUBCONTRACTORS AND OUTSIDE ASSOCIATES OR CONSULTANTS - AUG 1997**

In connection with the services covered by this contract, any in-house personnel, subcontractors, and outside associates or consultants will be limited to the individuals or firms that were specifically identified and agreed to during negotiations. The contractor shall obtain the Contracting Officer's written consent before making any substitution for these designated in-house personnel, subcontractors, associates, or consultants.

(End of Clause)

**SCR-5 RESPONSIBILITY OF THE CONTRACTOR FOR DESIGN - FEB 2000**

(a) The Contractor shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other non-construction services furnished by the Contractor under this contract. The Contractor shall, without additional compensation, correct or revise any errors or deficiency in its designs, drawings, specifications, and other non-construction services and perform any necessary rework or modifications, including any damage to real or personal property, resulting from the design error or omission.

**(b) Neither the Government's review, approval or acceptance of, nor payment for, the services required under this contract shall be construed to operate as a waiver of any rights under this contract or of any cause of action arising out of the performance of this contract. The Contractor shall be and remain liable to the Government in accordance with applicable law for all damages to the Government caused by the Contractor's negligent performance of any of these services furnished under this contract.**

(c) The rights and remedies of the Government provided for under this contract are in addition to any other rights and remedies provided by law.

(d) If the Contractor is comprised of more than one legal entity, each entity shall be jointly and severally liable thereunder.

(End of Clause)

**SCR-6 WARRANTY OF CONSTRUCTION WORK – AUG 1997**

(a) In addition to any other warranties in this contract, the Contractor warrants, except as provided in paragraph (1) of this clause, that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, or workmanship performed by the Contractor or any subcontractor or supplier at any tier.

(b) This warranty shall continue for a period of 1 year from the date of final acceptance of the work. If the Government takes possession of any part of the work before final acceptance, this warranty shall continue for a period of 1 year from the date the Government takes possession. At any time subsequent to the acceptance by the Government of a completed installation under this contract, which installation is required to be covered by a specified warrant under the terms of the various sections of the specifications, the Base Commander will be the authorized party for the purpose of implementing the provisions of such warranties on behalf of the Government.

(c) The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to Government-owned or controlled real or personal property, when that damage is the result of--

(1) The Contractor's failure to conform to contract requirements; or

(2) Any defect of equipment, material, or workmanship.

(d) The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for 1 year from the date of repair or replacement.

(e) The Contracting Officer shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.

(f) If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the Government shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense. See paragraph (l), Warranty Payment, below.

(g) With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this contract, the Contractor shall--

(1) Obtain all warranties that would be given in normal commercial practice:

(2) Require all warranties to be executed, in writing, for the benefit of the Government, if directed by the Contracting Officer; and

(3) Enforce all warranties for the benefit of the Government, if directed by the Contracting Officer.

(h) In the event the Contractor's warranty under paragraph (b) of this clause has expired, the Government may bring suit at its expense to enforce a subcontractor's, manufacturer's, or supplier's warranty.

(i) Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material furnished by the Government nor for the repair of any damage that results from any defect in Government-furnished material or design.

(j) This warranty shall not limit the Government's rights under the Inspection and Acceptance clause of this contract with respect to latent defects, gross mistakes, or fraud.

(k) The Contractor shall furnish the following items to the Contracting Officer upon completion of installation of equipment but prior to the Joint or Final Inspection:

(1) A real property list for all installed mechanical, plumbing, and electrical equipment.

(2) The Contractor shall submit for approval at the completion of construction a list of equipment-in-place. This list shall be up-dated and kept current throughout construction, and shall be jointly inspected for accuracy and completeness by the ACO and a responsible representative of the Contractor prior to submission of each monthly payment estimate. A sample form showing minimum data required is provided at the end of this section. The equipment-in-place list shall be comprised of all equipment falling under one or more of the following classifications:

- (a) Each piece of equipment listed on the mechanical equipment schedule.
- (b) Each electrical panel.
- (c) Each transformer.
- (d) Each piece of equipment.
- (e) Each piece of equipment that contains a manufacturer's serial number on the name plate.

In addition the list shall include equipment covered by a manufacturer's warranty under the terms and conditions of the contract, including, but not limited to:

- (a) The specific contact point at the prime Contractor with complete address and telephone number. If contact for warranty action is other than the prime Contractor, furnish specific procedure for contact.
- (b) The period during which each warranty is in effect assuring that each subcontractor or supplier warranty that extends beyond the normal one-year period is listed.

(3) Copy of all warranty documents.

(l) Warranty Payment: Warranty work is a subsidiary portion of the contract work, and has a value to the Government approximating 1.0% of the contract amount. The contractor shall assign a value of that amount in the breakdown for progress payments in the Contract Clause: Payments Under Fixed-Price Construction Contracts.

(End of Clause)

#### **SCR-7 SEQUENCE OF DESIGN-CONSTRUCTION (FAST TRACK)**

(a) After receipt of the Contract Notice to Proceed (NTP) the Contractor shall initiate design, comply with all design submission requirements as covered under Division 01 General Requirements, and obtain Government review of each submission. The contractor may begin construction on portions of the work for which the Government has reviewed the final design submission and has determined satisfactory for purposes of beginning construction. The ACO will notify the Contractor when the design is cleared for construction. The Government will not grant any time extension for any design re-submittal required when, in the opinion of the ACO, the initial submission failed to meet the minimum quality requirements as set forth in the Contract.

(b) If the Government allows the Contractor to proceed with limited construction based on pending minor revisions to the reviewed Final Design submission, no payment will be made for any in-place construction related to the pending revisions until they are completed, resubmitted and are satisfactory to the Government.

(c) No payment will be made for any in-place construction until all required submittals have been made, reviewed and are satisfactory to the Government.

(End of Clause)

#### **SCR-8 CONSTRUCTOR'S ROLE DURING DESIGN – JUN 1998**

The Contractor's construction management key personnel shall be actively involved during the design process to effectively integrate the design and construction requirements of this contract. In addition to the typical required construction activities, the constructor's involvement includes, but is not limited to actions such as: integrating the design schedule into the Master Schedule to maximize the effectiveness of fast-tracking design and construction (within the limits allowed in the contract), ensuring constructability and economy of the design, integrating the shop drawing and installation drawing process into the design, executing the material and equipment acquisition programs to meet critical schedules, effectively interfacing the construction QC program with the design QC program, and maintaining and providing the design team with accurate, up-to-date redline and as-built documentation. The Contractor shall require and manage the active involvement of key trade subcontractors in the above activities.

(End of Clause)

#### **SCR-9 RECOMMENDED INSURANCE COVERAGE AND INSURANCE REQUIREMENTS**

The Design-Build Contractor's attention is invited to the contract requirements concerning "RESPONSIBILITY OF THE CONTRACTOR FOR DESIGN" and "WARRANTY OF CONSTRUCTION WORK". These requirements vest in the Contractor complete responsibility for the professional quality,

technical accuracy, and coordination of all design, drawings, specifications and other work or materials furnish by his in-house or consultant forces. The Design-Build Contractor must correct and revise any errors or deficiencies in his work, notwithstanding any review, approval, acceptance or payment by the Government. The Contractor must correct and change any work resulting from his defective design at no additional cost to the Government. The requirements further stipulate that the Design-Build Contractor shall be liable to the Government for the damages to the Government caused by negligent performance. Though not a mandatory requirement, this is to recommend that the Design-Build Contractor investigate and obtain appropriate insurance coverage for such liability protection.

The following insurance requirements shall be provided in conjunction with the requirements of Contract Clause: "Insurance – Work on a Government Installation".

- a. General Liability Insurance (Comprehensive form of policy): Bodily Injury Liability - \$500,000 per occurrence.
- b. Automobile Liability Insurance (Comprehensive form of policy): Bodily Injury Liability - \$200,000 per person and \$500,000 per accident. Property Damage Liability - \$20,000 per accident.
- c. Workmen's Compensation and Employer's Liability Insurance: Compliance with applicable workmen's compensation and occupational disease statutes is required. Employer's liability coverage in the minimum amount of \$100,000 is also required.
- d. Asbestos Abatement Contractor Liability Insurance: \$500,000 per occurrence minimum.

(End of Clause)

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#### **SCR-10            TRAINING – FEB 2000**

The Contractor shall provide operational and maintenance training for all systems furnished under this contract for the operating and maintenance personnel. The system manufacturer shall conduct the training, where feasible. All operation and maintenance (O&M) manuals shall be submitted and approved prior to conducting the training and shall be used during training. The Contractor shall videotape the training session on VHS tapes and provide the tapes to the Government. Included herein are requirements for compiling and submitting the O&M data.

O&M data shall be separated into distinct systems and within each distinct system, further separated by the following disciplines: Air Cargo Handling System, Mechanical, Electrical, Fire Detection, and Architectural/General. O&M manuals for any particular system shall include narrative and technical descriptions of the interrelations with other systems. This narrative shall include a description on how the system works with notable features of the system, including normal and abnormal operating conditions. The explanation of the system is to be short and concise with reference to specific manufacturer's equipment manuals for details. Provide overall system schematic with narrative for each discipline. If the quantity of material is such that it will not fit within one binder then it shall be divided into volumes, as required (see paragraph Binders).

- 1. O&M manuals shall be prepared for each individual facility of multi-facility projects.
- 2. ~~Three~~ Six complete bound copies of the final O&M data as approved shall be required, and distribution as directed by the Contracting Officer. The requirement for three copies of the O&M manual shall supersede and replace any requirements for a lesser amount of manuals which may be indicated in some specifications.

3. O&M Manual and Data Submittal: To establish and assure uniform O&M manual format, the Contractor shall submit and receive Contracting Officer approval on one complete system prior to submission for remaining systems.

3.1 The Contracting Officer will require 20 calendar days for review of submitted O&M manual(s) or data.

3.2 O&M data on equipment or systems shall be submitted so all data will be approved and bound in the O&M manuals in the required quantity by the time the project reaches 90 percent completion. Failure to furnish approved, bound manuals in the required quantity by the time the project is 90 percent complete, will be cause for the Contracting Officer to hold or adjust the retained percentage in accordance with Contract Clause, "Payment Under Fixed Price Construction Contracts". For equipment or system requiring personnel training and/or acceptance testing, the final O&M data must be approved by the Contracting Officer prior to the scheduling of the training and/or testing.

3.3 Binders:

3.3.1 Construction and Assembly: Manuals shall be in 3 ring binders, sliding posts or screw-type aluminum binding posts (three screws) with spine, but only one type shall be used for all manuals (per task order). The manuals shall be hardback covered, cleanable, plastic, not over three (3) inches thick and designed for 8-1/2 x 11 inch paper.

3.3.2 Marking: Each binder shall have the following information, as a minimum, printed on both the spine and cover; or printed on insert in plastic sleeve of notebook binder. BUILDING OR FACILITY NAME, IDENTIFICATION NUMBER (Building No.), LOCATION, AND SYSTEM (Mechanical, Electrical, etc). Contractor's name and address as well as title and contact number shall be printed on the inside of the front cover.

3.3.3 Color: Color of binder and markings shall be the option of the Contractor except that; (a) labeling color shall contrast with binder color, and (b) colors shall be the same for all manuals on a particular task order.

3.4 Content: The O&M manuals shall be structures to address each of the following topics:

Warning Page: A warning page shall be provided to warn of potential dangers (if they exist), such as high voltage, toxic chemicals, flammable liquids, explosive materials, carcinogens, or high pressures. The warning page shall be placed inside the front cover, in front of the title page.

Index: Each manual shall have a master index at the front identifying all manuals and volumes and subject matter for each. Following the master index, each manual shall have an index of its enclosures listing each volume, tab numbers, etc., as necessary to readily refer to a particular operating or maintenance instruction. Rigid tabbed fly leaf sheets shall be provided for each separate product, equipment or system in the manual. All pages shall be numbered with the referenced number included in the index.

3.5 Warranties: In addition to the general warranty required by the contract, the O&M manuals shall include any specific warranties normally required by other sections of the TECHNICAL SPECIFICATIONS and other warranties normally provided with the particular piece of equipment or system. Extended warranties normally provided by manufacturers that are



beyond the warranty of construction shall be specifically noted. The O&M manuals shall also include a specific warranty section itemizing all standard and extended warranty items. The warranty list shall contain the information indicated below. Warranties will not begin until the facility is accepted by the Government. Copy of warranty shall be included in the manual.

### WARRANTY INFORMATION

Project Title  
Contract Number

General Contractor's Name, Phone Number

ITEM DESCRIPTION	START DATE	END DATE	O & M REFERENCE LOCATION
------------------	------------	----------	--------------------------

(in alphabetical  
order)

Descriptive Name,  
Manufacturer's/  
Warrantor's Name,  
Address & Phone No.

- 3.5.1 Utility systems shall cover the items required by the specific specification section.
- 3.5.2 Architectural/General O&M Data shall include the following:
  - 3.5.2.1 Building Products, Applied Materials, and Finishes: Include product data with catalog number, size composition, and color and texture designations. Provide information for reordering custom manufactured products. Data shall include, but not be limited to, information on carpet, floor tile, vinyl wall finishes, builder's hardware, etc.
  - 3.5.2.2 Moisture-protection and Weather-exposed Products: Include product data listing applicable reference standards, chemical composition, and details of installation. Provide recommendations for inspections, maintenance, and repair.
  - 3.5.2.3 Additional Requirements: As specified in individual specifications sections.
- 3.5.3 Data Identification: Catalog data shall be marked to clearly identify pertinent data by highlighting the data with pointers or crossing out all nonpertinent data.
- 3.5.4 Drawings: All drawings in the manuals shall be of such size that will require only one fold made right to left. All larger size drawings shall be inserted into a separate pocket in the required location in the manual. All drawings shall be of a microfilm quality.
- 3.5.5 Posted Data: The Contractor shall provide posted data for equipment or systems in addition to O&M manuals, and as required by the TECHNICAL SPECIFICATIONS Sections. The data shall consist of as-built schematic of all wiring, controls, piping, etc., as necessary for the operation of the equipment or system, and a condensed typewritten description of the system. The posted data may include all necessary interrelation with other equipment and systems. The data may be presented in one or several frames, under glass or sheet acrylic glazing, for clarity and convenience of location. The framed data presentation and outline shall be acceptable to and posted at locations designated

by the Contracting Officer. The data shall be posted prior to requesting the final inspection.

3.5.6 Framed Instructions: Typewritten instructions, framed under glass or sheet acrylic glazing, explaining equipment or system prestart checkout, startup, operations and shutdown procedures, safety precautions, preventive maintenance procedures, and normal operation checks for satisfactory performance of the equipment of systems shall be posted in conjunction with the data. The framed instruction presentation and outline shall be acceptable to the Contracting Officer prior to posting and shall be posted prior to requesting the final inspection.

3.6 Payment: Approval and acceptance of the final O&M manuals shall be accomplished before final payment is made to the Contractor.

3.7 Checklist: Contractor shall complete and initial a copy of the O&M Manual Check List which is shown in the "Instructions and Information for Contractors" manual and forward it along with ENG Form 4025 as part of the O&M Manual submittal to the Contracting Officer for approval.

(End of Clause)

#### **SCR-11 DESIGN CONFERENCES – JUN 2000**

(a) Pre-Work: As part of the Pre-Work Conference conducted after contract award, key representatives of the Government and the Contractor will review the proposal and the design review procedures specified herein, discuss the preliminary design schedule and provisions for phase completion of the D-B documents with construction activities (fast tracking), as appropriate, meet with key Corps of Engineers Design Review personnel and Using Agency points of contact and any other appropriate pre-design discussion items.

(b) Initial Design Coordination Meeting/Requirements Charrette: After award of the contract, the Contractor shall visit the site and conduct extensive interviews, and problem solving discussions with the individual users, base personnel, Air Force and/or Air Mobility Command Personnel, and Corps of Engineers personnel to acquire all necessary site information, review user options, and discuss user needs. The Contractor shall document all discussions. The requirements may be finalized as direct result of this meeting and the design will be started.

(c) Pre 15% submittal/design charrette meeting: Conferences to be held at Scott AFB, HQ AMC. Purpose of the meeting will be to discuss macro-scale design issues, architectural direction and design issues. This meeting should be held as soon after the initial meeting as possible, once the A-E has had time to absorb the requirements and consider some design approaches.

(d) Design Review Conferences: Review conferences will be held at Dover AFB for each design submittal. The Contractor will bring the personnel that developed the design submittal to the review conference. The conferences will take place the week after the review is complete.

(End of Clause)

#### **SCR-12 VALUE ENGINEERING AFTER AWARD – JUNE 1999**

(a) In reference to Contract Clause 52.248-3, "Value Engineering – Construction", the Government may refuse to entertain a "Value Engineering Change Proposal" (VECP) for those "performance oriented"

aspects of the Solicitation documents which were addressed in the Contractor's accepted contract proposal and which were evaluated in competition with other offerors for award of this contract.

(b) The Government may consider a VECP for those "prescriptive" aspects of the Solicitation documents, not addressed in the Contractor's accepted contract proposal or addressed but evaluated only for minimum conformance with the Solicitation requirements.

(c) For purposes of this clause, the term "performance oriented" refers to those aspects of the design criteria or other contract requirements which allow the Offeror or Contractor certain latitude, choice of and flexibility to propose in its accepted contract offer a choice of design, technical approach, design solution, construction approach or other approach to fulfill the contract requirements. Such requirements generally tend to be expressed in terms of functions to be performed, performance required or essential physical characteristics, without dictating a specific process or specific design solution for achieving the desired result.

(d) In contrast, for purposes of this clause, the term "prescriptive" refers to those aspects of the design criteria or other Solicitation requirements wherein the Government expressed the design solution or other requirements in terms of specific materials, approaches, systems and/or processes to be used. Prescriptive aspects typically allow the Offerors little or no freedom in the choice of design approach, materials, fabrication techniques, methods of installation or other approach to fulfill the contract requirements.

(End of Clause)

#### **SCR-13. PARTNERING – FEB 2000**

In order to most effectively accomplish this contract, the Government proposes to form a partnership with the Contractor to develop a cohesive building team. It is anticipated that this partnership would involve the Users, operators, and other parties deemed appropriate by the Government, the Contractor, primary subcontractors and designers and the Corps of Engineers. This partnership would strive to develop a cooperative management team drawing on the strengths of each team member in an effort to achieve a quality project within budget and on schedule. This partnership would be bilateral in membership and participation will be totally voluntary. Any cost associated with effectuating this partnership, excluding travel and lodging cost of Government personnel, will be borne by each party. Activities are expected to include one or more brainstorming sessions among potential partners pursuant to a Memorandum-of-Understanding that will detail the bylaws of partnering. Bylaws will establish, for example, an effective means of addressing clarifications or issues that may develop during the design-build process, to include real time Alternate Dispute Resolution procedures to effectively address those issues that are not more readily resolved. Effective partnering is expected to be beneficial to all parties.

(End of Clause)

#### **SCR-14 PERFORMANCE EVALUATION OF CONTRACTOR**

a. As a minimum, the Contractor's performance will be evaluated upon final acceptance of the work. However, interim evaluations may be prepared at any time during contract performance when determined to be in the best interest of the Government.

b. The format for the evaluation will be DD Form 2626, and the Contractor will be rated either outstanding, satisfactory, or unsatisfactory in the areas of Contractor Quality Control, Timely Performance, Effectiveness of Management, Compliance with Safety Standards. The Contractor will be advised of any unsatisfactory rating, either in an individual element or in the overall rating, prior to completing completion of the evaluation, and all Contractor comments will be made part of the official

record. Performance Evaluation Reports will be available to all DOD Contracting offices for their future use in determining Contractor responsibility, in compliance with DFARS 236.201 (c) (1). (CENAP)

(End of Clause)

#### **SCR-15 LIQUIDATED DAMAGES – CONSTRUCTION (APR 1984)**

- a. If the Contractor fails to complete the work within the time specified, or any extensions thereof, the Contractor shall pay to the Government as liquidated damages \$3,500.00 for each calendar day of delay.
- b. If the Government terminates the Contractor's right to proceed, the resulting damage will consist of liquidated damages until such reasonable time as may be required for final completion of the work together with any increase costs occasioned the Government in completing the work.
- c. If the Government does not terminate the Contractor's right to proceed, the resulting damage will consist of liquidated damages until the work is completed or accepted. (FAR 52.212-5)

(End of Clause)

#### **SCR-16 CONTRACT DRAWINGS, MAPS AND SPECIFICATIONS (DEC 1991)**

- a. The Government will provide the Contractor, without charge, a CD (read only format) containing all contract drawings (existing site plan and existing building plans) and specifications except for publications incorporated into the technical provisions by reference;
- b. The Contractor shall –
  - (1) Check all drawings furnished immediately upon receipt;
  - (2) Be responsible for verifying existing conditions shown on the drawings.
- c. Omissions from the drawings or specifications or the misdescription of details of work which are manifestly necessary to carry out the intent of the drawings and specifications, or which are customarily performed, shall not relieve the Contractor from performing such omitted or misdescribed details of the work, but shall be performed as if fully and correctly set forth and described in the drawings and specifications. (DFARS 252.236-7001)

(End of Clause)

#### **SCR-17 PHYSICAL CONDITIONS (Apr 1984)**

Data and information furnished or referred to below is for the Contractor's information. The Government will not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor. (FAR 52.236-4)

- a. Weather Conditions. The climate of the area is referred to as "continental" by climatologists, characterized by cold winters and moderately hot summers. Complete weather records and reports may be obtained from the local U.S. Weather Bureau Office nearest to the work site. The Contractor shall satisfy himself as to the hazards likely to arise from weather conditions during the construction period.
- b. Transportation Facilities: U.S. Highway 113 and State Routes 1 and 10 serve the locality of the proposed work. The Contractor shall make his own investigation of available routes and load limits of bridges. Roads within the Military Reservation may be used by the Contractor subject to the approval of Base Authorities. Such roads, when used by the Contractor, shall be maintained throughout the contract

period and shall be restored to at least the condition which existed prior to the start of the work. The Contractor shall also be responsible for the construction of any temporary haul roads and bridges required for execution of the contract work. All temporary construction shall be removed by the Contractor and the area restored to the condition which existed prior to the start of work. During the sequences 1 to 5 of construction, 8<sup>th</sup> Street shall be used as the construction entrance to the job site.

c. Location. The site of the work is located at Dover Air Force Base, located 4.5 miles south of metropolitan Dover in the State of Delaware. The site of the work is on a military reservation and all rules and regulations issued by the Commanding Officer covering general safety, security, smoking policy, and sanitary requirements, etc., shall be observed by the Contractor.

d. Magnitude of the Contract Work. The estimated value of the contract work is over \$70,000,000.

e. Inspection of the Site. Prospective bidders are invited to visit the site of work to acquaint themselves with the site conditions and any problems incidental to the prosecution of the work. A site inspection will be held on 29<sup>th</sup> January, 2004 starting at 1000hrs from the U.S. Army Corps of Engineers Resident Office, located in Room 1 of Building 302, 13<sup>th</sup> and Atlantic Streets, Dover Air Force Base, Delaware. Arrangements for inspection of the site shall be made through Mr. Tom Lavender of the Resident Office, telephone 302 677-4777. Due to security procedures to obtain access to Dover AFB, it is necessary for prospective bidders to assemble at an off base location where a bus will take bidders to the site inspection location. An Air Force bus will be at the Blue Hen Corporate Center just north of Dover AFB on Route 113 just before 1000hrs to carry visitors to the site. The bus will carry the visitors back to the Blue Hen Corporate Center upon completion of the site inspection.

f. Hours of Work. The Contractor shall provide at least 24 hours advanced notification to establish when on-site work will commence and prior to restarting on-site work following any discontinuances lasting longer than five normal workdays. Notification shall be provided by phone, in person, or in writing, and shall be given directly to the ACO. Work shall only be performed between 0730 hrs and 1630 hrs daily, Monday through Friday, excluding Federal legal holidays as outlined by Public Law Number 98-144 (or days not worked on Dover Air Force Base due to observance of such holidays). Unless otherwise specifically authorized herein or in writing by the Contracting Officer, the scheduling of work for times other than as set forth above, will not be permitted.

g. Interruption of Utilities.

(1) No utility services shall be interrupted by the Contractor to make connections, to relocate, or for any purpose without approval of the Contracting Officer. Power outages and limited utility interruptions for hookups will be permitted in accordance with a schedule arranged in advance of the interruption. The Contractor shall be responsible for notifying and coordinating all temporary outages with the Contracting Officer at least five working days in advance of the intended outage.

(2) Power outages and limited utility interruptions for hookups will be permitted in accordance with a schedule arranged in advance with the Contracting Officer. The Contractor shall be responsible for notifying and coordinating all outages with the Administrative Contract Officer (ACO) at least 17 working days in advance of the intended outage. The request shall include the following information:

- (a) Nature of Utility (Gas, Water, Electric, etc.)
- (b) Size of line and location of shutoff
- (c) Buildings and services affected.
- (d) Hours and date of shutoff.

(e) Estimated length of time service will be interrupted.

(3) Services shall not be shut off until receipt of approval of the proposed hours and date from the Contracting Officer.

(4) Shutoffs which will cause interruption of Government work operations as determined by the Contracting Officer shall be accomplished during regular non-work hours or on non-work days of the Using Agency without any additional cost to the Government.

(5) Operation of valves on water mains will be by Government personnel. Where shutoff of water lines interrupts service to fire hydrants of fire sprinkler systems, the Contractor shall arrange his operations and have sufficient material and personnel available to complete the work without undue delay or to restore service without delay in the event of an emergency.

(6) Flow in gas mains which have been shut off shall not be restored until a Utility Company inspector has determined that all items serviced by the gas line have been shut off.

h. Alterations to Utilities. Where changes and relocations of utility lines are noted to be performed by others, the Contractor shall give the Contracting Officer at least thirty days' written notice in advance of the time that the change or relocation is required. In the event that, after the expiration of thirty days after the receipt of such notice by the Contracting Officer, such utility lines have not been changed or relocated and delay is occasioned to the completion of the work under this contract, the Contractor will be entitled to a time extension equal to the period of time lost by the Contractor after the expiration of said thirty day period. Any modification to existing or relocated lines required as a result of the Contractor's method of operation shall be made wholly at the Contractor's expense and no additional time will be allowed for delays incurred by such modifications.

i. Street Closing. When operations in connection with contract work necessitate the closing of streets, it shall be the Contractor's responsibility to arrange at least 28 working days in advance with the Contracting Officer for such street closings and to provide appropriate barricades, signs, markers, flares, and other devices as may be required by the ACO for traffic guides and public safety.

j. Dover Air Force Base is subject to varying threat conditions. At higher threat conditions, access to work site may be limited.

(End of Clause)

#### **SCR-18 AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984)**

a. The Government will make all reasonable required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the contract. Unless otherwise provided in the contract, the amount of each utility service consumed will be paid by Dover Air Force Base. The Contractor shall carefully conserve utilities furnished by the Base at no charge.

b. The Contractor, at its expense and in workmanlike manner satisfactory to the Contracting Officer, shall install and maintain all necessary connections and distribution lines except that only Base personnel may make connections to the Base electrical distribution system, connections to Chesapeake Utility's gas lines shall be coordinated with that company, and only the local telephone company may make connections to their distribution lines. Before final acceptance of the completed project by the Government, the Contractor shall remove or arrange to have removed by the appropriate agency, all temporary connections, distribution lines, meters, and associated paraphernalia. (FAR 52.236-14)

a. Electric service to Contractor-furnished office or storage facilities will be charged at the current rate

prescribed by Air Force regulations. The service connection shall be made through a Contractor furnished kilowatt hour meter appropriate for the circumstances. Contractor is also responsible for all costs associated with telephone services; telephone service will not be Government furnished.

**SCR-19 IDENTIFICATION OF EMPLOYEES**

The Contractor shall be responsible for furnishing an identification badge/card to each employee prior to the employees work on-site, and for requiring each employee engaged on the work to display such identification as may be approved and directed by the Contracting Officer. All prescribe identification shall immediately be delivered to the Contracting Officer for cancellation upon the release of any employee. When required by the Contracting Officer, the Contractor shall obtain and submit fingerprints of all persons employed or to be employed on the project (CENAP)

(End of Clause)

**SCR-20 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE (MAR 1995)**

a. This statement shall become operative only for negotiated contracts where cost or pricing data is requested, and for modifications to sealed bid or negotiated contracts where cost or pricing data is requested. This clause does not apply to terminations. See FAR 52-231-5001, Basis for Settlement of Proposal and FAR Part 49.

b. Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by the Contractor or sub-contractors at any tier shall be based on actual cost data for each piece of equipment or groups of similar serial or series for which the Government can determine both ownership and operating costs from the Contractor's accounting records. When both ownership and operating costs cannot be determined for any piece of equipment from the Contractor's accounting records, cost for the equipment shall be based upon the applicable provisions of EP 1110-1-8, "Construction Equipment Ownership and Operating Expense Schedule," Region II. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified otherwise by the Contracting Officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retrospective pricing, the schedule in effect as of the time work was performed shall apply.

c. Equipment rental costs are allowable, subject to the provisions of FAR 31.205 (d) (ii) and FAR 31.205-36. Rates for equipment rented from an organization under common control, lease-purchase arrangements, and sale-leaseback arrangements, will be determined using the schedule, except that actual rates will be used for equipment leased from an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated leasees.

d. When actual equipment costs are proposed and the total amount of the pricing action exceeds the small purchase threshold, the Contracting Officer will request that the Contractor submit either certified cost or pricing data, or partial/limited data, as appropriate. This data shall be submitted on Standard Form 1411, "Contractor Pricing Proposal Cover Sheet."

(End of Clause)

**SCR-21 CERTIFICATE OF COMPLIANCE**

Any certificate required for demonstrating proof of compliance of materials with specifications requirements shall be executed in triplicate. Each certification shall be signed by an official authorized to certify on behalf of the manufacturing company and shall contain the name and address of the Contractor, the project name and location, and the quantity and date or dates of shipment or delivery to

which the certificates apply. Copies of laboratory test reports submitted with certificates shall contain the name and address of the testing laboratory and the date or dates of the tests to which the report applies. Certification shall not be construed as relieving the Contractor from furnishing satisfactory material, if, after test are performed on selected samples, the material is found not to meet the specific requirements. (CENAP)

(End of Clause)

## **SCR-22 TIME EXTENSIONS FOR UNUSALLY SEVERE WEATHER (OCT 1989)**

a. This clause specifies the procedure for determining the time extensions for unusually severe weather in accordance with the Contract Clause entitled "Default (Fixed-Price Construction)". In order for the Contracting Officer to award a time extension under this clause, the following conditions must be satisfied:

(1) The weather experienced at the project site during the contract period must be found to be unusually severe, that is, more severe than the adverse weather anticipated for the project location during any given month based on historic data.

(2) The unusually severe weather must actually cause a delay to the completion of the project. The delay must be beyond the control and without the fault or negligence of the Contractor.

b. The following schedule of monthly anticipated adverse weather delays is based on National Oceanic and Atmospheric Administration (NOAA) or similar data for the project location and will constitute the base line for monthly weather time evaluations. The Contractor's progress schedule must reflect these anticipated adverse weather delays in all weather dependent activities. For the purpose of this contract, unusually severe weather is defined as daily precipitation equal to or exceeding 0.5 inches and/or maximum daily temperature not exceeding 32 degrees F.

### **MONTHLY ANTICIPATED ADVERSE WEATHER DELAY WORK DAYS BASED ON A 5 DAY WORK WEEK AT DOVER AFB**

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	4	2	2	2	2	2	2	2	2	2	1	2

c. Upon acknowledgement of the Notice to Proceed (NTP) and continuing throughout the contract, the Contractor shall record on the daily CQC report, the occurrence of adverse weather and resultant impact to normal scheduled work. Actual adverse weather days must prevent work on critical activities for 50 percent or more of the Contractor's scheduled work day. The number of actual adverse weather delay days shall include days impacted by actual adverse weather (even if adverse weather occurred in previous month), be calculated chronologically from the first to the last day of each month, and be recorded as full days. If the number of actual adverse weather delay days exceeds the number of days anticipated in paragraph b, above, the Contracting Officer will convert any qualifying delays to calendar days, giving full consideration for equivalent fair weather work days, and issue a modification in accordance with the contract clause entitled: "Default (Fixed Price Construction)". (ER 415-1-15)

## **SCR-23 PAYMENT FOR MATERIALS DELIVERED OFF-SITE**

Pursuant to Contract Clause entitled: "Payments Under Fixed-Price Construction Contracts," materials delivered to the Contractor at locations other than the site of the work may be taken into consideration in making payments if included in payment estimates and if all conditions of the Contract Clauses are fulfilled. Payment for items delivered to locations other than the work site will be limited to those materials which have been approved, if required by the specifications; those materials which have been fabricated



to the point where they are identifiable to an item of work required under this contract. Such payment will be made only after receipt of paid or receipted invoices with cancelled check showing title to the items in the prime Contractor's name and including the value of materials and labor incorporated into the item. (CENAP)

**SC-24 U.S. ARMY CORPS OF ENGINEERS SAFETY AND HEALTH REQUIREMENTS**

U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1 and its changes are available at [http://www.hq.usace.army.mil/soh/hqusace\\_soh.htm](http://www.hq.usace.army.mil/soh/hqusace_soh.htm). The Contractor shall be responsible for complying with the current edition and all changes posted on the web as of the effective date of the solicitation. (USACE)

(End of Clause)

**EQUIPMENT-IN-PLACE LIST**

**CONTRACT NO.:** \_\_\_\_\_

Specification Section: \_\_\_\_\_ Paragraph No. \_\_\_\_\_

**ITEM DESCRIPTION:** \_\_\_\_\_

Item Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Model Number: \_\_\_\_\_

Capacity: \_\_\_\_\_ Replacement Cost \_\_\_\_\_

**ITEM LOCATION:**

Building Number: \_\_\_\_\_ Room Number: \_\_\_\_\_

or Column Location: \_\_\_\_\_

**MANUFACTURER INFORMATION:**

Manufacturer Name: \_\_\_\_\_

Trade Name (if  
different from  
item name): \_\_\_\_\_

Manufacturers  
Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

**WARRANTY PERIOD:** \_\_\_\_\_

CHECKED BY: \_\_\_\_\_

SPACE REQUIREMENTS SUMMARY  
NEW AIR FREIGHT TERMINAL, DOVER AIR FORCE BASE

Amendment No. 0012  
Page A-1

SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
<b>I. <u>Terminal Building</u></b>			<b>323964</b>	
<b>A. <u>Cargo Processing Bays</u></b>		<b>146,200</b>		Elevated floor
1. Import Area				Area for breaking down of inbound palletized cargo
2. Export Area				Area for palletizing outbound cargo.
3. Refrigerated Storage Area	1400			Pallet jack or folk lift will set cargo on gravity roller conveyor that with transport this cargo onto a ball transfer conveyor, This conveyor will allow the user to move the cargo around the space prior to transporting it into the (4) level pallet storage area Minmum height: 10'-0".
4. Mechanical Room	540			Direct outside access.
5. Fire Pump Rooms	800			(2) 20' X 20' rooms, one on each side of the cargo processing area.
6. Electrical Room	450			Also, allow wall space for panelboards, and small transformers which can be placed against the walls and protected by bollards.
7. Packing & Crating (1) Office (1) Office (1) Caged Area	100 130 5000			Provide 10'-0" high chain link fence, with 10' wide by 10' high sliding chain link gate.
8. Recoop Shop	1200			Locate within the Packing & Crating Area. Woodworking Shop
9. Office for (3) Workstations	200			Locate in Import Area.
<b>B. <u>Covered Storage Area</u></b>		<b>113955</b>		
1. Covered Staging Docks	35880			
2. (4) Level Pallet Storage	40950			* Net Area is footprint.
3. ALOC/Code "J" Dock	7125			Area for shipping cargo already palletized.
4. Outsized Cargo Facility, with (2) Level Multi-pallet Train Storage System	30000			* Net Area is footprint.
<b>C. <u>Special Handling Area</u></b>	<b>21140</b>	<b>43000</b>		Area for storing, palletizing and shipping hazardous cargo which cannot be processed in Import/Export Processing Bays
1. Offices	1200			Locate on Mezzanine.
-(1) Supervisor, E7	100			CSB, Training and Dispatch Areas shall be in (1) Open Office.

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SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
-(1) Supervisor, WS8	100			
-(1) Supervisor, Ops. NCO, E5-E6	150			
-(1) CSB Area with (2) workstations	150			
-(1) Training Area	300			
-(1) Dispatch Area	200			
Unisex Toilet	35			
Circulation	165			
2. Multiple special storage & security bays.				Space for desk and small table with (6) chairs. Space for (1) desk, charging station for radios, (2) computer workstations, status and safety boards.
(1) Storage of Class 2 (gas) materials	2400			
(1) Storage of Class 3 (flammable liquids) materials	2400			
(1) Storage of Class 4 (flammable solids), 5 (oxidizers) and 7 (radioactive) materials	2400			
(1) Storage of Class 8 (liquid & solid corrosives) materials	2400			
(1) Storage of Class 6 (liquid & gas poisons) and 9 (micellaneous) materials	2400			
3. Security Cage	5000			Provide 18 feet height clearance. No blast requirements.
4. Mechanical Room	540			Cmu walls
5. Mail Area	600			Direct outside access.
6. MICAP Area	600			Locate under office mezzanine with MICAP. Provide chain link fencing with lockable swing gate. Gate shall be wide enough for a 4K fork lift. Provide 12'-0" height min. clearance, or height for fork lift, whichever is greater.
D. <u>Freight Transfer Facility</u>	<b>4126</b>	<b>4200</b>		Area for high priority mail. Locate under office mezzanine with Mail Area. Provide chain link fencing with lockable swing gate. Gate shall be wide enough for a 4K fork lift. Provide 12'-0" height min. clearance, or height for fork lift, whichever is greater.
1. Customer Service Vestibule	100			Locate near Outsized Cargo Facility. SCIF requirements for the facility.
2. (1) Office with (2) computer workstations E7 and Civilian	460			
3. Bunk Area	120			
4. Toilet and Shower	50			
5. Break Room	260			
6. Security Storage	3136			
7. Crypto	100			Locate on exterior of building.
				Provide (2) 14' wide by 15' high coiling doors on flightline side of building.

SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
E. <u>Cargo Deployment Facility</u>	<b>3375</b>	<b>4200</b>		Locate near Outsized Cargo Facility. Administration area for Marshaling Yard.
1. Office Area	2000			
2. Toilet Room	35			
3. Mechanical Room	540			
4. Fire Pump Room	400			(2) Fire pumps for entire Outsized Cargo Facility and adjacent facilities.
5. Electrical Room	400			
F. <u>Ramp Services</u>	<b>2975</b>	<b>3570</b>		Must have direct access to flight line and MHE yard.
1. Ramp Operations Offices				
- (1) Supervisor, E7	100			
- (1) Supervisor, E6	100			
- (1) Training Office, E6	300			Space for (1) technician's desk. (1) small table with (6) chairs, (2) workstations (3) filing cabinets.
2. Loading Crew Dispatch Office	200			Space for (1) civilian and (2) military, vehicle and dispatch boards, charging station for radios, (2) computer work stations.
3. Break Room	450			Space for 30 occupants; to be used for briefings; shared with ATOC.
4. Locker Room	375			50 double tier lockers.
5. Toilets	600			(1) Shower in each toilet room.
6. Storage	50			Locate off Break Room
7. Mechanical Room	500			
8. Electrical Room	200			
9. Communications Room	100			
G. <u>Vehicle Dispatch Area</u>	<b>2130</b>	<b>2343</b>		Locate next to Ramp Services.
1. (1) Administrative office with (2) workstations	130			
2. (1) Supply Area	2000			Space for spare tires, hydraulic fluid, engine oil. Majority of work is with MHE. 10' X 10' drive through entry/exit.

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SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
H. <u>Mechanized Material Handling System (MMHS) Shop</u>	<b>5245</b>	<b>5770</b>		
1. (1) Supervisory Office, WS9	100			
2. Shop Area	4800			Provide sink, compressed air, eye wash, (2) 1,000 lb. Hoists with monorail beams. Allow space for 200 SF of storage. Allow for welding area, soldering, parts washer, drill press. Allow 80SF for Electronics Maintenance.
3. Break Room	345			Space for (6) people and (2) computer workstations.
I. <u>Boiler Room</u>	<b>660</b>	<b>726</b>		Approximate dimensions: 27'-6" by 24'-0". Provide doors of adequate size to replace tubes in front of the boiler.
II. <u>North Administrative Block</u>			<b>31713</b>	
A. <u>Squadron Command Staff</u>	<b>1015</b>	<b>1218</b>		One suite with Executive Conference Room
1. Commander and Executive Secretary				
(1) 05, Commander	200			
(1) 03, GS5	65			
2. Executive Conference Room	450			Space for 25 occupants. Provide Kitchenette
3. Reception Area for Executive Secretary	300			
B. <u>Orderly Room</u>	<b>1260</b>	<b>1512</b>		One suite, including Orderly Room and Safety Office.
4. Section Commander, 1st Sgt., and Assistant				
(1) 01 or 02, section commander	180			
(1) E8, first sergeant	180			
(1) E7, assistant	100			
5. Orderly Room				
(1) Room with (4) workstations, waiting area for (4) occupants. Transaction counter, and (6) filing cabinets.	600			
6. Safety Office				
(1) Office for (1) E5 and (1) E6	200			
C. <u>Mobility/Training Flight</u>	<b>6900</b>	<b>8280</b>		
1. (3) Management offices -(1) Captain, 03	100			

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SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
-(2) E7	200			
2. (1) Supervisory Office for Unit Training Manager, E6	100			
3. Workspace/Workstations for (10) instructors.	800			Allow for large area with table in the middle and workstations around perimeter.
4. Workspace for (5) ATSEV program personnel	400			Allow for small area with table in the middle and workstations around perimeter.
5. Classroom	600			Space for 10-15 occupants, with computer access and AV resources.
6. Mobility Equipment Storage (MES)	4500			Need for fork lift access via coiling doors to the exterior. Warehouse space with shelving against the walls. 25 foot height clearance. Provide workspace lighting. Provide heating, but no air-conditioning.
7. Valuable MES	200			Access through MES.
<b>D. <u>Combat Readiness Flight</u></b>	<b>1365</b>	<b>1638</b>		
1. (3) Flight Offices				
- (1) Management, 04	100			
- (1) Supervisor, GS11	100			
- (1) Supervisor, GS11	100			
2. Administrative Workspace for (3) personnel; E6, (1) E7 and (1) civilian, GS5.	265			
3. Mobility Office for (3) personnel; (1) E6, (1) E9 and (1) GS9	300			Allow for 150 SF of filing space.
4. Reserve Coordinator workspace for (2) personnel; (2) E6	200			
5. Facility Manager's Office, E5	100			
6. Briefing Room	200			Space for 10 occupants
<b>E. <u>Computer Operations Section</u></b>	<b>1000</b>	<b>1100</b>		
1. -Workspace for (1) supervisor, GS8 and staff, E5	1000			Workspace with associated servers, computer/component storage, customer service desk, etc. Special climate control, communications and utility requirements. Access flooring. <b>Locate above first floor to avoid flooding. Could be level with Cargo Processing Bays in the Terminal Building.</b> Provide UPS.
<b>F. <u>Squadron Auditorium</u></b>	<b>1875</b>	<b>2063</b>		Sufficient to host 125 personnel, with appropriate AV capabilities. Flat floor with fixed, seating, withside tablet. Stagger seating in adjacent rows.

SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
				Include Projection Room and 15' X 8' Raised Stage.
G. <u>Air Freight Flight (TRK)</u>	<b>480</b>	<b>576</b>		
1. (5) management/supervisory offices:				
- (1) 04	150			
- (1) E8	100			
- (1) Operations Supervisor, E7	100			
- (2) Civilian administrators, GS5 and GS4	130			
H. <u>Customer Service, Service Liaisons and Air Lift Clearance Authority</u>	<b>300</b>	<b>360</b>		Locate in proximity of Cargo Movement Section
1. CSB Supervisory Offices				
(1) Lieutenant, OIC	100			
(1) GS11	100			
(1) GS12	100			
I. <u>Cargo Movement Section (TMO)</u>	<b>265</b>	<b>318</b>		
1. (3) Offices				
(1) Lieutenant, 02	100			
(1) Chief, 09	100			
(1) Administrative, GS4	65			
<b>Lines G, H, and I shall share a common corridor</b>				
J. <u>Locker Room</u>	<b>1395</b>	<b>1674</b>		
1. Locker Area	880			Common area with 120 double tier lockers (total: 240 compartments)
2. Female Showers	30			(1) stall with changing area
3. Male Showers	60			(2) stalls with changing area.
4. Toilets	410			
5. Janitor's Closet	15			
K. <u>Amenities and General Circulation</u>	<b>8415</b>	<b>10098</b>		
1. (2) Stairs	500			
2. (1) Elevator	128			3,500 lb. Capacity, hydraulic
3. Entrance Lobby	600			
4. Elevator Machine Room	50			
5. Toilets (2 sets)	820			
6. Breakroom	500			Space for (34) occupants, with computer terminals.



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SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
				Accessible to all AFT personnel.
7. Mechanical Room	1800			Direct outside access.
8. Fire Pump Room	400			
9. Electrical Rooms				
(1) Electrical Room - First Floor	240			
(1) Electrical Room - Second Floor	77			
10. Communications Room	300			
11. Circulation	3000			
<b>L. <u>46th Aerial Port Squadron (Reserve)</u></b>	<b>2397</b>	<b>2876</b>		Separate entrance
1. Orderly Room	490			Space for counter, (6) workstations and closet storage
2. Offices				
(1) NCOIC	140			(4) workstations
(1) Commander	175			
(1) First Sergeant	110			
(1) Adv.	95			
(1) Art.	160			(4) workstations
(1) QC	140			(3) workstations
(1) CBT	140			(2) Tables with (3) occupants per table
(1) OPS	180			(3) workstations and (1) table for (6) people
(1) Training	335			(9) people
(1) Copy Room	40			
(1) MOB Room	140			(5) workstations
(1) MOB Supplies	220			(1) workstation
3. Kitchenette	32			
<b>III. Landside Administrative Block</b>			<b>7800</b>	
<b>A. <u>Air Freight Flight</u></b>	<b>1080</b>	<b>1296</b>		
1. Export Cargo Offices				
(1) Supervisor, E7	100			
(1) Supervisor, E6	100			
(1) Briefing Room	480			Space for (2) technician's desk.
				(1) small table with (6) chairs.
				(2) workstations for computer based training.
				(3) filing cabinets.
2. Import Cargo Offices.				
(1) Supervisor, E7	100			
(1) Supervisor, E5-E6	200			

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SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
3. Pallets & Nets Manager's Office (1) E7	100			
B. <u>Customer Service, Service Liaisons and Air Lift Clearance Authority</u>	<b>840</b>	<b>924</b>		Locate in proximity of Freight Documentation Section (Cargo Movement Section)
1. CSB Staff Area with (6) Workstations, GS6 and GS7	740			
2. (1) Office, Chief of Branch, E7	100			
C. <u>Cargo Movement Section</u>	<b>2140</b>	<b>2568</b>		Unless otherwise noted, locate on first floor, front side of facility
1. Freight Documentation Section for (17) administrative staff.				
(1) Office for (2) freight rate specialties	130			
(1) Office for (2) GS4	130			
(1) Office for (5) staff, GS4 (65 SF Each)	425			
(1) Inbound Office for (1) GS4, (1) military, E4, and (1) Tech. Sergeant	290			
(1) Office for small packages, (1) GS4 and (3) E3-E4	260			Room for printing labels
<b>(1) Office for (2) Tech. Sergeant, E6, NCOIC (65 SF Each).</b>	130			Locate next to Air Freight Flight - Import Cargo Offices
(1) Storage Area	300			Space for (11) 48" wide x 18" deep x 60" high filing cabinets.
2. (3) Offices				
(1) GS 10 or 11	100			
(1) WS 6	100			
(1) for (2) E5 (Superintendents)	195			
3. Reception Area	80			Adjacent to Waiting Area.
D. <u>Amenities and General Circulation</u>	<b>1715</b>	<b>2058</b>		
1. Waiting Area	200			Accessible to Truckers and AFT personnel. Vending machines.
2. Break Room	235			Adjacent to Waiting Area.
3. Toilets	300			Accessible to Truckers and AFT personnel.
4. Reception Area	80			
5. Mechanical Room	600			
6. Electrical Room	200			
7. Communications Room	100			

SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
<b>IV. Flightline Administrative Block</b>			<b>8017</b>	
<b>A. <u>Air Terminal Operations (ATOC)</u></b>	<b>2160</b>	<b>2592</b>		Locate in proximity of Squadron Operations; ideally locate on second floor, facing flightline with visual of rear of terminal facility and flightline, with adequate noise abatement.
1. Flight Offices				(4) management/supervisory offices surrounding an administrative area to form a suite.
- (1) O4	150			
- (1) E7	100			
- (1) E6	100			
- (1) Secretarial Staff	65			
2. Capability Forecasting				Locate next to Load Planning and FMS/Explosives
(1) E6	65			
3. Load Planning				
(1) Area with (5) workstations (65 SF Each)	325			
4. FMS/Explosives				
(1) office with (2) workstations E6 (65 SF Each)	130			
5. Operations Center	900			Provide console with (5) console workstations, video displays for multiple cameras (pan, tilt and zoom) for exterior and interior surveillance of the facility.
6. Data Records				Allow 300 SF for administrative processing and filing
(1) Area with (5) workstations and filing space	325			
<b>B. <u>Squadron Operations</u></b>	<b>1165</b>	<b>1398</b>		
1. (3) management and (1) administrative staff offices				
- (1) Lt. Colonel, O5	200			
- (1) Chief, E9	200			
- (1) Superintendent, E8	100			
- (1) Secretarial, GS4-GS5	65			
2. Conference Room	600			Space for (40) occupants
<b>C. <u>Amenities and General Circulation</u></b>	<b>3356</b>	<b>4027</b>		
1. (2) Stairs	500			
2. (1) Elevator	128			3,500 lb. Capacity, hydraulic
3. Entrance Lobby	200			
4. Elevator Machine Room	50			
5. Toilets - Second Floor	410			
6. Mechanical Room	1800			Direct outside access.

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SPACE DESCRIPTION	NET AREA (SF)	ACTIVITY GROSS AREA (SF)	TOTAL GROSS AREA (SF)	REMARKS
7. Fire Pump Room	0			
8. Electrical Rooms				
(1) Electrical Room - First Floor	96			
(1) Electrical Room - Second Floor	72			
9. Communications Room	100			
<b>TOTAL BUILDING AREA</b>			<b>371494</b>	
Notes:				
1. D-B Contractor shall verify the sizes of all mechanical, electrical, communications, fire pump and boiler rooms during design, based on equipment and space requirements.				
2. Office spaces: Office line items listed under the "Space Description:" shall each be designed as private offices unless noted otherwise in this or the "Remarks" column				

SPACE DESCRIPTION	MECHANICAL REMARKS
<b>I. <u>Terminal Building</u></b>	
<b>A. <u>Cargo Processing Bays</u></b>	
1. Import Area	Heating: Yes Cooling: No Carbon Monoxide Detection System: Yes Ventilation Air: (1) air change
2. Export Area	Heating: Yes Cooling: No Carbon Monoxide Detection System: Yes Ventilation Air: (1) air change
3. Refrigerated Storage Area	
4. Mechanical Room	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.)
5. Fire Pump Rooms	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.)
6. Electrical Room	Heating: No Cooling: Yes (85 degrees F max.)
7. Packing & Crating ((2) air changes) (1) Office (1) Office (1) Caged Area	Heating: Yes Cooling: Yes (no cooling for caged area) Outside Air: 20 cfm per person Ventilation Air: Yes
8. Recoop Shop	Heating: Yes Cooling: No Ventilation Air: Yes Dust Collection System: Yes
9. Office for (3) Workstations	Heating: Yes

SPACE DESCRIPTION	MECHANICAL REMARKS
B. <u>Covered Storage Area</u>	Cooling: Yes (no cooling for caged area) Outside Air: 20 cfm per person
1. Covered Staging Docks	Heating: No Cooling: No
2. (4) Level Pallet Storage	Heating: No Cooling: No Ventilation Air: (1) air change
3. ALOC/Code "J" Dock	Heating: No Cooling: No
4. (2) Level Multi-pallet Train Storage System	Heating: No Cooling: No Ventilation Air: (1) air change
C. <u>Special Handling</u>	
1. Offices	
-(1) Supervisor, E7	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
-(1) Supervisor, WS8	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
-(1) Supervisor, Ops. NCO, E5-E6	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
-(1) CSB Area with (2) workstations	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person

SPACE DESCRIPTION	MECHANICAL REMARKS
-(1) Training Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
-(1) Dispatch Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
Unisex Toilet	Heating: Yes Cooling: Yes Exhaust Air: 75 cfm per water closet or urinal
Circulation	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. Multiple special storage & security bays.	
(1) Storage of Class 2 (gas) materials	Heating: No Cooling: No Ventilation Air: No Emergency Exhaust: 1 cfm per sq. ft. min.
(1) Storage of Class 3 (flammable liquids) materials	Heating: No Cooling: No Ventilation Air: No Emergency Exhaust: 1 cfm per sq. ft. min.
(1) Storage of Class 4 (flammable solids), 5 (oxidizers) and 7 (radioactive) materials	Heating: No Cooling: No Ventilation Air: No
(1) Storage of Class 8 (liquid & solid corrosives) materials	Heating: No Cooling: No Ventilation Air: No Emergency Exhaust: 1 cfm per sq. ft. min.
(1) Storage of Class 6 (liquid & gas poisons)	Heating: No

SPACE DESCRIPTION	MECHANICAL REMARKS
and 9 (micellaneous) materials	Cooling: No Ventilation Air: No Emergency Exhaust: 1 cfm per sq. ft. min.
3. Security Cage	Heating: Yes Cooling: No Security Bars: Grilles and ductwork
4. Mechanical Room	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.)
5. Mail Room (dedicated air system)	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person Provide emergency stop button control (for Anthrax)
6. MICAP Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person Provide emergency stop button control (for Anthrax)
D. <u>Freight Transfer Facility</u>	
1. Customer Service Vestibule	Heating: Yes Cooling: Yes
2. (1) Office with (2) computer workstations E7 and Civilian	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
3. Bunk Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
4. Toilet and Shower	Heating: Yes Cooling: Yes Exhaust Air: 75 cfm per water closet or urinal, 6 air changes in shower



SPACE DESCRIPTION	MECHANICAL REMARKS
5. Break Room	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
6. Security Storage	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.) Security Bars: Grilles and ductwork
7. Crypto	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
E. <u>Cargo Deployment Facility</u>	
1. Office Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. Toilet Room	Heating: Yes Cooling: Yes Exhaust Air: 75 cfm per water closet or urinal
3. Mechanical Room	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.)
4. Fire Pump Room	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.)
5. Electrical Room	Heating: No Cooling: Yes (85 degrees F max.)
F. <u>Ramp Services</u>	
1. Ramp Operations Offices -(1) Supervisor, E7 -(1) Supervisor, E6	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person

SPACE DESCRIPTION	MECHANICAL REMARKS
-(1) Training Office, E6	
2. Loading Crew Dispatch Office	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
3. Break Room	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
4. Locker Room	Heating: Yes Cooling: Yes Ventilation Air: (.50 cfm per sq. ft.) (min.)
5. Toilets	Heating: Yes Cooling: Yes Ventilation Air: 75 cfm per water closet or urinal
6. Storage	Heating: Yes Cooling: No Ventilation: (.15 cfm per sq. ft.) (min.)
7. Mechanical Room	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.)
8. Electrical Room	Heating: No Cooling: Yes (85 degrees F max.) Ventilation Air: Yes
9. Communications Room	Heating: Yes Cooling: Yes 24 hrs/7 days a week Provide positive pressure
G. <u>Vehicle Dispatch Area</u>	
1. (1) Administrative office with (2) workstations	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person

SPACE DESCRIPTION	MECHANICAL REMARKS
2. (1) Supply Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
H. <u>Mechanized Material Handling System (MMHS) Shop</u>	
1. (1) Supervisory Office, WS9	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. Shop Area	Heating: Yes Cooling: Yes Ventilation Air: Yes Exhaust Air: Welding fume exhaust systems and dust collection systems in shop area
3. Break Room	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
I. <u>Boiler Room</u>	Heating: Yes Cooling: No Combustion Air: Yes Ventilation Air: (.50 cfm per sq. ft.)
II. <u>North Administrative Block</u>	
A. <u>Squadron Command Staff and Orderly Room</u>	
1. Commander and Executive Secretary (1) 05, Commander (1) 03, GS5	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. Executive Conference Room (Kitchenette)	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
3. Section Commander, 1st Sgt., and Assistant	Heating: Yes

SPACE DESCRIPTION	MECHANICAL REMARKS
(1) 01 or 02, section commander (1) E8, first sergeant (1) E7, assistant	Cooling: Yes Outside Air: 20 cfm per person
4. Orderly Room  (1) Room with (4) workstations, waiting area for (4) occupants. Transaction counter, and (6) filing cabinets.	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
5. Safety Office  (1) Office for (1) E5 and (1) E6	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
B. <u>Mobility/Training Flight</u>	
1. (3) Management offices -(1) Captain, 03 -(2) E7	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. (1) Supervisory Office for Unit Training Manager, E6	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
3. Workspace/Workstations for (10) instructors.	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
4. Workspace for (5) ATSEV program personnel	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
5. Classroom	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
6. Mobility Equipment Storage (MES)	Heating: Yes Cooling: No Carbon Monoxide Detection System: Yes

SPACE DESCRIPTION	MECHANICAL REMARKS
<p>7. Valuable MES</p>	<p>Ventilation Air: Yes</p> <p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person</p>
<p>C. <u>Combat Readiness Flight</u></p>	
<p>1. (3) Flight Offices  - (1) Management, 04  - (1) Supervisor, GS11  - (1) Supervisor, GS11</p>	<p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person</p>
<p>2. Administrative Workspace for (3) personnel; E6, (1) E7 and (1) civilian, GS5.</p>	<p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person</p>
<p>3. Mobility Office for (3) personnel; (1) E6, (1) E9 and (1) GS9</p>	<p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person</p>
<p>4. Reserve Coordinator workspace for (2) personnel; (2) E6</p>	<p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person</p>
<p>5. Facility Manager's Office, E5</p>	<p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person</p>
<p>6. Briefing Room</p>	<p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person</p>
<p>D. <u>Computer Operations Section</u></p>	
<p>1. -Workspace for (1) supervisor, GS8 and staff, E5</p>	<p>Heating: Yes  Cooling: Yes  Outside Air: 20 cfm per person  Climate Controls: Yes</p>

SPACE DESCRIPTION	MECHANICAL REMARKS
	Packaged Computer Room A/C units Relative Humidity: Yes (50% to 55%)
E. <u>Squadron Auditorium (Dedicated Air System)</u>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
F. <u>Air Freight Flight</u> 1. (5) management/supervisory offices: - (1) 04 - (1) E8 - (1) Operations Supervisor, E7 - (2) Civilian administrators, GS5 and GS4	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
G. <u>Customer Service, Service Liaisons and Air Lift Clearance Authority</u>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
1. CSB Supervisory Offices (1) Lieutenant, OIC (1) GS11 (1) GS12	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
H. <u>Cargo Movement Section (TMO)</u>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
1. (3) Offices (1) Lieutenant, 02 (1) Chief, 09 (1) Administrative, GS4	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
I. <u>Locker Room</u>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person Exhaust Air: 6 air changes
1. Locker Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person Exhaust Air: 6 air changes
2. Female Showers	Heating: Yes Cooling: Yes Exhaust Air: 6 air changes

SPACE DESCRIPTION	MECHANICAL REMARKS
3. Male Showers	Heating: Yes Cooling: Yes Exhaust Air: 6 air changes
4. Toilets	Heating: Yes Cooling: Yes Exhaust Air: 75 cfm per water closet or urinal
5. Janitor's Closet	Heating: Yes Ventilation Air: Yes
K. <u>Amenities and General Circulation</u>	
1. (2) Stairs	Heating: Yes Cooling: Yes Ventilation Air: Yes
2. (1) Elevator	Ventilation by elevator manufacturer
3. Entrance Lobby	Heating: Yes Cooling: Yes
4. Elevator Machine Room	Heating: No Cooling: Yes (75-85 degrees F)
5. Toilets (2 sets)	Heating: Yes Cooling: Yes Exhaust Air: 75 cfm per water closet or urinal
6. Breakroom	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
7. Mechanical Room	Heating: Yes Cooling: No Outside Air: 20 cfm per person Ventilation Air: Yes (.50 cfm per sq. ft.)

SPACE DESCRIPTION	MECHANICAL REMARKS
8. Fire Pump Room	Heating: Yes Cooling: No Ventilation Air: Yes (.50 cfm per sq. ft.)
9. Electrical Rooms (1) Electrical Room - First Floor (1) Electrical Room - Second Floor	Heating: Yes Cooling: Yes (85 degrees F max.) Ventilation Air: Yes
10. Communications Room	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person Ventilation Air: Yes
11. Circulation	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
M. <u>46th Aerial Port Squadron (Reserve)</u>	
1. Orderly Room	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. Offices  (1) NCOIC (1) Commander (1) First Sergeant (1) Adv. (1) Art. (1) QC (1) CBT (1) OPS (1) Training (1) Copy Room (1) MOB Room (1) MOB Supplies	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
3. Kitchenette	Heating: Yes



SPACE DESCRIPTION	MECHANICAL REMARKS
	Cooling: Yes Outside Air: 20 cfm per person
<b>III. Landside Administrative Block</b>	
A. <u>Air Freight Flight</u>	
1. Export Cargo Offices (1) Supervisor, E7 (1) Supervisor, E6 (1) Briefing Room	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. Import Cargo Offices. (1) Supervisor, E7 (1) Supervisor, E5-E6	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
3. Pallets & Nets Manager's Office (1) E7	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
B. <u>Customer Service, Service Liaisons and Air Lift Clearance Authority</u>	
1. CSB Staff Area with (6) Workstations, GS6 and GS7	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
2. (1) Office, Chief of Branch, E7	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
C. <u>Cargo Movement Section</u>	
1. Freight Documentation Section for (17) administrative staff. (1) Office for (2) freight rate specialties (1) Office for (2) GS4 (1) Office for (5) staff, GS4 (65 SF Each) (1) Inbound Office for (1) GS4, (1) military, E4, and (1) Tech. Sergeant	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person

SPACE DESCRIPTION	MECHANICAL REMARKS
(1) Office for small packages, (1) GS4 and (3) E3-E4 (2) Tech. Sergeant, E6, NCOIC (100 SF Each) (1) Storage Area	
2. Waiting Room	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
3. (3) Offices (1) GS 10 or 11 (1) WS 6 (1) for (2) E5 (Superintendents)	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
4. Toilets	Heating: Yes Cooling: Yes Exhaust Air: 75 cfm per water closet or urinal
5. Reception Area	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
6. Mechanical Room	Heating: Yes Cooling: Yes Ventilation Air: (.50 cfm per sq. ft.)
7. Electrical Room	Heating: Yes Cooling: Yes (85 degrees F max.) Ventilation Air: Yes
8. Communications Room	Heating: Yes Cooling: Yes 24 hrs/7days a week Provide positive pressure
<b>IV. Flightline Administrative Block</b>	
A. <u>Air Terminal Operations (ATOC)</u>	
1. Flight Offices -(1) 04	Heating: Yes Cooling: Yes

SPACE DESCRIPTION	MECHANICAL REMARKS
<ul style="list-style-type: none"> <li>-(1) E7</li> <li>-(1) E6</li> <li>-(1) Secretarial Staff</li> </ul>	Outside Air: 20 cfm per person
<ul style="list-style-type: none"> <li>2. Capability Forecasting</li> <li>(1) E6</li> </ul>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
<ul style="list-style-type: none"> <li>3. Load Planning</li> <li>(1) Area with (5) workstations (65 SF Each)</li> </ul>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
<ul style="list-style-type: none"> <li>4. FMS/Explosives</li> <li>(1) office with (2) workstations E6 (65 SF Each)</li> </ul>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
<ul style="list-style-type: none"> <li>5. Operations Center</li> </ul>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
<ul style="list-style-type: none"> <li>6. Data Records</li> <li>(1) Area with (5) workstations and filing space</li> </ul>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
<ul style="list-style-type: none"> <li>B. <u>Squadron Operations</u></li> </ul>	
<ul style="list-style-type: none"> <li>1. (3) management and (1) administrative staff offices</li> <li> <ul style="list-style-type: none"> <li>-(1) Lt. Colonel, O5</li> <li>-(1) Chief, E9</li> <li>-(1) Superintendent, E8</li> <li>-(1) Secretarial, GS4-GS5</li> </ul> </li> </ul>	Heating: Yes Cooling: Yes Outside Air: 20 cfm per person
<ul style="list-style-type: none"> <li>2. Conference Room</li> </ul>	Heating: Yes Cooling: Yes
<ul style="list-style-type: none"> <li>C. <u>Amenities and General Circulation</u></li> </ul>	
<ul style="list-style-type: none"> <li>1. (2) Stairs</li> </ul>	Heating: Yes

SPACE DESCRIPTION	MECHANICAL REMARKS
	Cooling: Yes
2. (1) Elevator	Ventilation by elevator manufacturer
3. Entrance Lobby	Heating: Yes Cooling: Yes
4. Elevator Machine Room	Heating: No Cooling: Yes (75 degrees F max.)
5. Toilets - Second Floor	Heating: Yes Cooling: Yes Exhaust air 75 cfm per water closet or urinal
6. Mechanical Room	Heating: Yes Cooling: No Ventilation Air: (.50 cfm per sq. ft.)
7. Fire Pump Room	Heating: Yes Cooling: Yes Ventilation: 5 cfm per sq. ft.
8. Electrical Rooms (1) Electrical Room - First Floor (1) Electrical Room - Second Floor	Heating: No Cooling: Yes (85 degrees F max.) Ventilation Air: Yes
9. Communications Room	Heating: Yes Cooling: Yes 24 hrs/7 days a week Provide positive pressure